LOCATION	COMPANY	Q.NO.	ROW ID	QUESTION
AR, USA	Walmart	1	2_W	Difference between Abstration and interface
AR, USA	Walmart	2	2_W	What is encapsulation
AR, USA	Walmart	3	2_W	Explain about synchronization in selenium
AR, USA	Walmart	4	2_W	Difference between throw and throws
AR, USA	Walmart	5	2_W	What are the exceptions you have faced (how can you resolve no such element exception)
AR, USA	Walmart	6	2_W	Method to get the page title
AR, USA	Walmart	8	2_W	How to handle multiple windows on browser
AR, USA	Walmart	9	2_W	Explain about Page object model and advantages
AR, USA	Walmart	10	2_W	Difference between submit and click in selenium
AR, USA	Walmart	11	2_W	What are the selenium libraries that you have used and explain one
AR, USA	Walmart	12	2_W	Explain the code of launching browser
AR, USA	Walmart	13	2_W	Explain about testNg annotations
AR, USA	Walmart	14	2_W	Difference between after suite and before suite
Hyderabad	shennya software service	1	3_R	Oops concepts
Hyderabad	shennya software service	2	3_R	What is data Driven testing
Bangalore	Synechron technologies	1	4_S	Explain about your framework?
Bangalore	Synechron technologies	2	4_S	Have you used POM in your framework?
Bangalore	Synechron technologies	3	4_S	What is Page Factory?
Bangalore	Synechron technologies	4	4_S	Suppose you have 7 pages in your application then to achieve POM what u will do?
Bangalore	Synechron technologies	5	4_S	Have you used interface in your framework other then selenium interfaces?
Bangalore	Synechron technologies	6	4_S	What are all the selenium interfaces?
Bangalore	Synechron technologies	7	4_S	Synchronization in selenium? syntax for implicit wait
Bangalore	Synechron technologies	8	4_S	How u will handle popup window ?other then get window handle
Bangalore	Synechron technologies	9	4_S	What is Listeners?
Bangalore	Synechron technologies	10	4_S	How u will handle alert?
Bangalore	Synechron technologies	11	4_S	How to get system date and time?
Bangalore	Synechron technologies	12	4_S	How to connect to database?
Bangalore	Synechron technologies	13	4_S	Exceptions in selenium?
Bangalore	Synechron technologies	14	4_S	Suppose u have class and abstract class in class there is a user defined constructor and main method which one will get execute first?
Bangalore	Synechron technologies	15	4_S	Primitives and Non Primitives datatypes in java? String is primitive or non primitive
Bangalore	Synechron technologies	16	4_S	What is Hashmap ? Can we store objects in hash map and how to retrieve them?
Bangalore	Synechron technologies	17	4_S	What is Jenkins?
Bangalore	Synechron technologies	18	4_S	What is the use of Pom.xml?
Bangalore	Synechron technologies	19	4_S	What is the use of testng.xml?
Bangalore	Synechron technologies	20	4_S	Annotation used in page object model?
Bangalore	General Electric	1	5_G	Ways to find broken links in selenium (except using HTTPURL Connection)
Bangalore	General Electric	2	5_G	Why did you choose selenium?
Bangalore	General Electric	3	5_G	Test scenarios for Amazon search results page
Bangalore	General Electric	4	5_G	Test scenarios for Screen sharing in an app
Bangalore	General Electric	5	5_G	How will you test a button which is enabled only for 5 minutes in a day.
Bangalore	GE Healthcare	1	8_G	How u handle dynamic drop-down list dynamically with a scenario (entire program they asked to write)
Bangalore	GE Healthcare	2	8_G	OOPS concept with programs
Bangalore	GE Healthcare	3	8_G	About bug life cycle
Bangalore	GE Healthcare	4	8_G	Diff annotations in testng
Kolkata	PricewaterhouseCoopers	1	7_P	Tell something about yourself
Kolkata	PricewaterhouseCoopers	2	7_P	What strategies you followed while building a Selenium framework from scratch?
Kolkata	PricewaterhouseCoopers	3	7_P	How can we scroll to end of an page in dynamically loading page?
Kolkata	PricewaterhouseCoopers	4	7_P	Related to above question, if I ask you to find one element while scrolling and then stop when found, how would you handle it?
Kolkata	PricewaterhouseCoopers	5	7_P	As a Team Lead, how you will evaluate your team's performance
Kolkata	PricewaterhouseCoopers	6	7_P	What's the difference between Test Plan and Test Strategy
Kolkata	PricewaterhouseCoopers	7	7_P	If there are 3 test cases with method names as "banana", "cat" & "apple" in respective order, which test call will execute first and why?
Bangalore	Harman	1	8_H	Roles and responsibilities
Bangalore	Harman	2	8_H	Explain wyat you done in SQL testing
Bangalore	Harman	4	8_H	Explain What you done in API testing?
Bangalore	Harman	6	8_H	Explain different types of deffect management ?
Bangalore	Harman	7	8_H	Explain Bug cycle
Bangalore	Harman	8	8_H	Explain How you handle exception
Bangalore	Harman	9	8_H	What is xpath??type of X path.Explain each type
Bangalore	Harman	10	8_H	What is Wait selenium,Differnt type of waits,Explain each waits
Bangalore	Harman	11	8_H	How you convert string "HELLO" into String 'hello'
PA, USA	Highmark	1	9_H	How do we identify the web elements?
PA, USA	Highmark	2	9_H	How does Selenium work?
PA, USA	Highmark	3	9_H	We have a login functionality of banking application. We need to test following scenario. User logs into user account and checks savings account balance. How do you automate this test?
PA, USA	Highmark	4	9_H	We have login functionality. What do you start to test this functionality with? (Manual testing question)
PA, USA	Highmark	5	9_H	What is the difference between functional testing and regression testing? (Manual testing question)
PA, USA	Highmark	6	9_H	Have you worked with single layer application?
PA, USA	Highmark	7	9_H	Can you tell me about architecture of the application you worked?
PA, USA	Highmark	8	9_H	What is relative Xpath? How do we build it? Where do you start it?
Bangalore	Thermo Fisher Scientific	1	10_T	How do you perform parallel testing in selenium?
Bangalore	Thermo Fisher Scientific	2	10_T	Which framework do you use in current company?
Bangalore	Thermo Fisher Scientific	3	10_T	Can you describe scrum ceremony?
Bangalore	Thermo Fisher Scientific	4	10_T	What are the oops concepts ?
Bangalore	Thermo Fisher Scientific	5	10_T	Explain overriding and method over loading .
Bangalore	Thermo Fisher Scientific	6	10_T	What is difference between constructor and interface ?
Bangalore	Thermo Fisher Scientific	7	10_T	Why do you need geckodriver ?
Bangalore	Thermo Fisher Scientific	8	10_T	What is difference between explicit wait and implicit wait ?
Bangalore	Thermo Fisher Scientific	9	10_T	Class A have 3 method , class B have 2 ,class B inherited class A, how do you call method of class A by creating object of class B ?
Bangalore	Thermo Fisher Scientific	10	10_T	What are annotation in testNG ?
Bangalore	Thermo Fisher Scientific	11	10_T	How many suits can be there in testNG , what if I run all the suits ?
Bangalore	Thermo Fisher Scientific	12	10_T	As lead,how do you define quality of product before release?
Bangalore	Thermo Fisher Scientific	13	10_T	in testNG, do we have multiple suit in one XML file and what if I want to run all suits ?
Bangalore	Wells Fargo	1	11_W	In a web page there are several Pop-up, but we don't when the pop-up will appear, in this case how we will handle the Pop-up using Selenium WebDriver (Java)
Mumbai	Jio	1	12_J	Suppose you are the leam QA and 1 new member join your team and at the same time you have a deadline to meet in next 2 or 3 days so how will you involve that new member in team so that you can utilise him/her to meet deadlines?
Bangalore	Fossil	1	13_F	Java- Write a Java program to print 1234 1234 in two rows.
Bangalore	Fossil	2	13_F	Selenium- In a online shopping application after placing a order, a success message will be displayed with a weborder number. How to fetch and print the Weborder number from that success message. The success message can be in any language. (The weborder number can be displayed anywhere in the success message depending on the language)
Mi, Canada	Canadian Tire Bank	1	14_C	Explain Set and Map in Java
Mi, Canada	Canadian Tire Bank	2	14_C	If proper Xpath, cssSelector and ID are not available, how do you identify an object.
Mi, Canada	Canadian Tire Bank	3	14_C	Explain how BDD works with Cucumber.
Mi, Canada	Canadian Tire Bank	4	14_C	How do you set the test data in BDD.
Mi, Canada	Canadian Tire Bank	5	14_C	How do you manage test execution using TestNG.
Mi, Canada	Canadian Tire Bank	6	14_C	Explain inner join and outer join in SQL.
Mi, Canada	Canadian Tire Bank	7	14_C	Explain implicit and explicit wait.
Delhi	Pure software	1	15_P	Different types of Waits available in Webdriver
Delhi	Pure software	2	15_P	Different types of Navigation Commands
Delhi	Pure software	3	15_P	How to handle frame
Delhi	Pure software	4	15_P	How to handle Alerts
Delhi	Pure software	5	15_P	Difference between findelement and findelements
LA, USA	Eharmony	1	16_E	As a QA where do you see yourself in next 6 months
Bangalore	Publicis Sapient	1	17_P	How to find broken links in web page using selenium (including frames).
Bangalore	Publicis Sapient	2	17_P	How will you handle dynamic payloads in API.
Bangalore	Publicis Sapient	3	17_P	How to download a file using selenium.
Bangalore	Publicis Sapient	4	17_P	How will you handle dependencies in Maven at run time.
Bangalore	Publicis Sapient	5	17_P	How to fetch coupon code from image file.
Kolkata	Cognizant	1	18_C	How do you manage a set of Data Tables in selenium?
Chennai	Photon interactive	1	19_P	About yourself.
Chennai	Photon interactive	2	19_P	About project.
Chennai	Photon interactive	3	19_P	Source code management tool.
Chennai	Photon interactive	4	19_P	How will you resolve the conflicts.
Chennai	Photon interactive	5	19_P	What is static and final in java?
Chennai	Photon interactive	6	19_P	How will you prevent tge override method in java
Chennai	Photon interactive	7	19_P	Explain about collections.
Chennai	Photon interactive	8	19_P	Cucumber tags and Annotations
Chennai	Photon interactive	9	19_P	How will you pass values in your project?
Chennai	Photon interactive	10	19_P	What is hooks and explain hooks
Chennai	Photon interactive	11	19_P	What is background??
Chennai	Photon interactive	12	19_P	How will u run the method again and again in testng?
Chennai	Photon interactive	13	19_P	How the methods run in the order??
Chennai	Photon interactive	14	19_P	Parallel tests about class method and tests.
Chennai	Photon interactive	15	19_P	What is actions class and the methods in actions??
Chennai	Photon interactive	16	19_P	What is the difference between build and perform?
Chennai	Photon interactive	17	19_P	Difference between find element and find elements and its return type.
Chennai	Photon interactive	18	19_P	Explain concepts in collections and relate to ur project.
Chennai	Photon interactive	19	19_P	Consider u have checkbox and I want to click the checkbox , how will u find the element is present or not at the same time should not get any exceptions.(element may or may not present).
Chennai	Photon interactive	20	19_P	Attributes of css selector
Chennai	Photon interactive	21	19_P	Program to find the found of special character, numbers, capital letter and small letter in a given string.
Chennai	CNSI	1	20_C	What is Owasp concurrent testing
Pune	Wipro	1	21_W	Write a program that reads objects from property file in page object model framework.
Pune	Wipro	2	21_W	How to handle windows pop with selenium without using auto it.
Bangalore	MResult	1	23_M	What's the fastest locator in Selenium?
Bangalore	MResult	2	23_M	What does ::(double colon) in sibling xpaths represent?
Bangalore	MResult	3	23_M	What's the dependency to read/write excel documents in Selenium?
Bangalore	MResult	4	23_M	What's the difference between imports and extends?
Bangalore	MResult	5	23_M	Why do we use extends when we have imports options ?
Bangalore	MResult	6	23_M	How to add/remove test cases in Testng.xml?
Bangalore	MResult	7	23_M	How to add waits in Selenium?
Hyderabad	HCL	1	24_H	Move all zeroes to end of array : Given an array of integers,Move the all zero's to end of the array. Push all the zero's of a given array to the end of the array. Example 1: INPUT: myArray=[2,5,0,4,2,7,0,0,1,9,4} ---OUTPUT: myArray=[2,5,4,2,7,1,9,4,0,0,0]
Hyderabad	HCL	2	24_H	Print all the duplicate character and their count in the given string. Example 1: INPUT : String str="hcl-tech" ---OUTPUT :h-2,c-2
Hyderabad	HCL	3	24_H	Reverse a string preserving space positions. INPUT : "Java is a programming language" ---OUTPUT : "egau gn a lgnimmargor pasitvaJ"
Mumbai	Accenture	1	25_A	Can we over load main method in java?
Mumbai	Accenture	2	25_A	Explain about final class?
Mumbai	Accenture	3	25_A	Test life cycle
Mumbai	Accenture	4	25_A	How to handle drop down using selenium ?
Mumbai	Accenture	5	25_A	Using selenium can we automate desktop application's ?
Mumbai	Accenture	6	25_A	About vmodel?
Mumbai	Accenture	7	25_A	How many locators available in selenium and explain each and every one ?

LOCATION	COMPANY	Q.NO.	ROW ID	QUESTION
Hyderabad	HCL	1	26_H	Difference between Given and When in cucumber feature file
Hyderabad	HCL	2	26_H	What is the purpose of Background in feature file
Hyderabad	HCL	3	26_H	Can i give login username and password in And will it work?
Hyderabad	HCL	4	26_H	Which reporting standard you use in framework
Hyderabad	HCL	5	26_H	Logic to reverse a string
Hyderabad	HCL	6	26_H	I have seven checkboxes in a page every time my script should check last but one checkbox
Hyderabad	HCL	7	26_H	What exception will program throw when i use findelements and it do not identify element in a web page
Hyderabad	HCL	8	26_H	Jenkins CI/CD
Hyderabad	HCL	9	26_H	Explain BDD framework in your project
Pune	Synechrone	1	27_S	Selenium webdriver architecture
Pune	Synechrone	2	27_S	Explain automation framework
Pune	Synechrone	3	27_S	Why Testng is used if there is cucumber used in your framework
Pune	Synechrone	4	27_S	Java program to find word count from the given string String s= "my name is umesh";
Pune	Synechrone	5	27_S	Which catch block will get execute first. There are two catch blocks in first catch block have exception e and second catch block have arithmetic expections and will expect arithmetic exception in try block then which catch block will get execute first?
Pune	Synechrone	6	27_S	6. String s1= "hello"; String s2="hello"; if(s1==s2) then tell me if it's true or false
Pune	Synechrone	7	27_S	String s ="hello"; s.concate("world"); What is the output?
Hyderabad	Tessla	1	28_T	What do you mean by Enumeration in implicit wait?
Hyderabad	Tessla	2	28_T	Give example for Run time polymorphism?
Hyderabad	Tessla	3	28_T	Fluent wait?
Hyderabad	Tessla	4	28_T	Testng?
Bangalore	Blume Global	1	29_B	Explain Bug life cycle
Bangalore	Blume Global	2	29_B	Write test cases in given scenario
Bangalore	Blume Global	3	29_B	What is compatibility testing
Bangalore	Blume Global	4	29_B	Difference between water fall model and agile methodology
Bangalore	Blume Global	5	29_B	Explain your project
Bangalore	Blume Global	6	29_B	write the xpath for given scenario
Bangalore	Blume Global	7	29_B	Sql query to find out total salary for all employee department wise
Hyderabad	Inspire Infosol	1	30_I	How can you handle if application is opening in seperate tab in same browser
Bangalore	FIS global	1	31_F	Explain about project and work experience.
Bangalore	FIS global	2	31_F	Explain about the usage of Jira ? How add testcases and defects?
Bangalore	FIS global	3	31_F	Worked on any other defect tracking tool? Do you know about Hp ALM?If explain
Bangalore	FIS global	4	31_F	Explain about the framework used in your project
Bangalore	FIS global	5	31_F	How do read data in data drivern framework? Write a program to read data from Excel sheet
Bangalore	FIS global	6	31_F	Write a program to check if a number is palindrome
Bangalore	FIS global	7	31_F	Explain how to get the 5 th child window
Bangalore	FIS global	8	31_F	What is polymorphism?
Bangalore	FIS global	9	31_F	Difference between API and webservices
Bangalore	FIS global	10	31_F	How did you write testcase using soap UI for API testing
Bangalore	FIS global	11	31_F	Do you know about testing framework ? Write an XML to run scripts?list of API methods
Bangalore	FIS global	12	31_F	Different annotations in testing in order
SFO, USA	Robertheff	32	32_R	How do you automate localization testing -diff languages in UI What are the tools used and how did you do
TX, USA	personal intrest and interview preparation	33	33_P	I am getting the below error in eclipse and could not able to run any class. Error: Could not find or load main class learning_Java. CallByvalueandcallbyref Caused by: java.lang.ClassNotFoundException: learning_Java.Callbyvalueandcallbyraf
Pune		34	34	How do you write your script in selenium
Seattle,WA	Walgreens	35	35_W	why do you need to do Automation for API testing? Generally API changes occur every 3 to 4 months. You can do it faster manually right?
Foster City, USA	Visa Inc	36	36_V	1. I have a string ALPHABET, write a program to reverse it in java. 2. How do you capture specific response value and pass to other request.
Pleasanton USA	QMC	37	37_Q	1. How to handle multiple endpoint in SOAPUI?
hyderabad	Servicenow	38	38_S	1. explain framework implemented in project. 2. explain how did u achieve polymorphism in your project 3. consider i am new into your project team and explain how oops concept implemented in project 4. explain webdriver waits 5. what do you do as part of automation 6. how many test automation scripts did u automate till now
Pune	Betsol	39	39_B	1)What are your roles and responsibilities as manual tester? 2)what are your roles and responsibilities as Automation test engineer? 3)what are the challenges you faced as a automation test engineer? 4)What is @dataprovider 5)Jayntee to perform parallel testing in TestNG and what do you write in <suite tag> also what do you mention in double quotes like parallel =""
Pune	Betsol	40	40_B	What are test design techniques
Seattle,LISA	Walgreens	41	41_W	1.Difference between TDD (Test-Driven) and BDD(Behavior Driven) Testing 2.how will u decide what tests to automate? 3.What are some best practices u learnt and how much difference it made in testing career?Explain the before and after situations 4.What language your current web application is developed? 5.How to avoid NoSuchElementException without using try/catch block and with try/catch block? 6.How to handle web tables whose values change dynamically? 7)What dependencies u add to POM for reporting? 8.How will you handle dependencies in Maven at run time. 9.What is DoD, DoR in agile? 10.How many test cases in ur regression testSuite? How much time it will take to execute? 11.if your Testsuite takes 1 and half to run, what u will do to reduce the time ?
Noida, Gurugram	NA	42	42	1) API Framework 2) How to open browser in New Private Window using script 3) Approach to do integration Testing 4) API Testing:- If found any error(which is not as expected) how you will (tester) solve that (how do you contribute) 5) Cucumber- Hook and Profiling
Bhopal	Isc	43	43_I	
Toronto Canada	Health Canada	44	44_H	Which Test strategy did you use in your last project?
Pune	Betsol	45	45_B	1)What are your roles and responsibilities as manual tester 2)what are your roles and responsibilities as Automation test engineer 3)what challenges you faced in your Automation career 4)What challenges you faced in api testing 5)when do you automate in current sprint or next sprint?
Pune	Betsol	46	46_B	1)What are your roles and responsibilities as manual tester 2)what are your roles and responsibilities as Automation test engineer 3)what challenges you faced in your Automation career 4)What challenges you faced in api testing 5)when do you automate in current sprint or next sprint?
Penang, Malaysia	Jabil	47	47	1. Tell me about yourself and Roles and Responsibilities of previous project? 2.What are all the drawbacks in Selenium? 3.How to execute parallel test using Test NG? 4. Pros and cons of Implicit wait and Explicit wait 5.How to check whether web element is enabled or Disabled without using isEnabled method? It's not hidden element but 6.Difference between @Factory and @DataProvider? 7)@Factory explain with real time example? 8.How to configure Grid node and hub? 9)each time grid url will change how to resolve this problem? 11. Eg:@Test(dataprovider="method_name") 10 parameters in test method. How will you pass those parameters, we cannot split the task as different methods? How do you return the values inside the 13.Parallel=instances explain about this? 14.How do you identify the web elements? 15.Which is most faster xpath or css? 16 what is the difference between XPATH and CSS? 17 What all the different ways to XPATH writing? 18.What is StaleElementException and how will handle it? 19. Error is throwing as Element not found but when I go and check that element is available in the web page? The element is not hidden so no need to use Java script executor? How do you solve this? 20.Any other ways to Execute parallel Execution TestNG? 21.how do you set the browser and grid node information? 22.how do you execute using headless mode? 23.How many test cases were there smoke and Regression test suite? 24.What is parallel=instances ? 25.What will be executed when you suite in parallel? Java Programs : around 8 programs some are what is the output and few are like optimization of the code. 26.What is the output? String st1="Jabil"; String st2="Jabil"; 1.st1.equals(st2); 2.st1==st2; 27.Query to select distinct values from student table; 28. Develop Page Object design pattern for the below scenarios, They have shared RDF file and logged in that and shared my screen to them. Maven project was already created. url: https://www.annauniv.edu/department/index.php# Case 1: Navigate to the URL and print the Title of the page Case 2: 1. Click on Derpartment 2. Mouseover on Faculty of Civil Engineering 3. Click on Institute for Ocean Management 4. Print the title Case3. Print all the options available in the Quick link section
chennai	Olam	48	48_O	I have 2 excel files one excel file for qa and another for prod I need to pass the workbook name dynamically during executing wat ever workbook name I given it should read and write that workbook name beoz the code is same for qa and prod instead of creating new project for prod I will just pass the workbook name dynamically
Toronto	RBC	49	49_R	After you have run a full regression test, and find new regression bugs, which bugs would you prioritize. Bugs that suggest that functionality has regressed, or bugs that appear in new features?
Pune	Tech Mahindra	50	50_T	1. In Selenium, how to get text value from text-box if gettext() is not working? 2. If we are using correct locator but still getting element not found error then how u will resolve this error? 3. Why we prefer explicit wait instead of fluent wait? What are the disadvantages of fluent wait? 4. Without implicit wait selenium script will work or not? 5. Today we have executed some tests using maven, but tomorrow when you see that someone deleted all dependencies from . pom file then in that case will you be able to execute tests or not 5. Today we have executed some tests using maven, but after that accidentally someone deleted all dependencies from .pom file then in that case next-day will you be able to execute tests or not 6. In Page object model once you create loginpage.java class what is the first thing you start with writing initially...How are you initiating writing something into a page class? 7. What is default polling time in explicit wait and in implicit wait?

LOCATION	COMPANY	Q.NO.	ROW ID	QUESTION
Pune	Globant	51	51_G	1. One testsuite executed with error during night-hours but now same testsuite getting executed without any error. What will be your approach to debug it? 2. Write SQL query to create new table without any data from existing table? 3. Two priority(2) TestNG methods will give compile error or not? 4. What if Windows popup occurs during test execution and due to that can't execute automated tests, how u will resolve this error?
USA Atlanta	Cognizant	52	52_C	1) Describe INS Testing process experience : 2) How did you automate the screen ? 3) What Type of framework did you use ? can you please write the code assuming specific objects - how did you code for the drop down ? What is the benefit of using a framework - describe the components that you used with code examples 3A) Did you work on API testing , how did you automate the API validation - explain with code examples 3B) Did you work on DB testing , what kind of databases , how did you automate ? explain with code samples 4) Did you work with calculation testing ? 5) Do you have experience on Java ? talk about practical application of super class and sub-class in your code , similar question on Polymorphism 6) Give example of a complex SQL query that you developed - talk about the business elements there 7) have you worked with BDD/AGILE - can you describe the code setups in a BDD environment for your script
Pune	Globant	53	53_G	1. Why is CSS locator faster than Xpath? 2. Even though CSS is faster than Xpath ,why do 95% of the companies use XPath ? 3.What are the Standard Guidelines and rules to be followed for any automation project framework? 4. What factors will you consider for giving estimate to a automation project? 5. What will happen if implicit and explicit wait is used together? And why does it happen 6. How have you handled Single initialisation of Webdriver in your framework? 7How have you handled downloading of different browser drivers without manual intervention? 7.find no of duplicates in a given String without using Loops and collection. 8.Is catch mandatory in try catch ? 9.what will happen if you exclude catch and use only Try and finally?
Charlotte,NC	Wellis Fargo	54	54_W	1.How to cover character keyboard operation from the context menu utilizing user-defined keyword? 2.Consider this snippet Web driver driver=new chrome driver(); what does the above code snippet mean? 3.where can "Dynamic Polymorphism" in Selenium WebDriver be observed? 4.What is the difference between "/" and "//" in xpath? 5.In selenium, if you want to access the element that has the text "This element has an ID that changes every time the page is loaded" in it ,then which of the following will you use? 6.In page Object Model Framework (POM), how do you initialize the elements of a page to be used in the runner class? (name of the PageObjects class is "SignupPage.java" and the driver object name is "driver"). 7.What kind of tools would you use for the automation of regression tests? 8.what All of the classes in Java Collection Framework have? 9.What is the difference between a checked and unchecked exception? 10.Why is it important to override hashCode() when you override equals()?
Seattle	Amazon	55	55_A	This was first round telephonic interview a=[2,3,0,6,5,0,8] 1. write a code to put all 0 at the end 2. Use data structure to solve the problem 3. After coding , dry run and calculate complexity of the code. 1.what are roles and responsibilty in current project? 2.There is product say amazon restaurant. Code is modified to add zipcode field which when entered gives nearest restaurants. Write test cases to test? Interviewer kept asking to give more and more test cases. Something interviewer was expecting which I could not give the correct test cases 3.what are the challenges you faced in your project ? 4. Do you have any question for us ?
Hyderabad	CUBIC	56	56_C	1. Explain difference between Method Overriding & Method Overloading 2. Open notepad and write program for method overriding and method overloading 3. Write code to create user in Rest Assured 4. Write a program to which has dynamic payload to create user and store the response and use response to get created user 5. Explain difference between interface and abstract class 6. how many interfaces did u use in framework 7. Write a program to find how many links are redirected 500 error page 8. Explain fluent wait 9. Explain the challenges faced while working in automation
Pune	Betsol	57	57_B	1)What are your roles and responsibilities as manual tester 2)what are your roles and responsibilities as Automation test engineer 3)what challenges you faced in your Automation career 4)What challenges you faced in api testing 5)when do you automate in current sprint or next sprint? 6)How do you select multiple values from drop down? 7)While performing parallel testing in testng what do you write in suite tag, like what do you mention in parallel= " "? like what do you mention in " "?
Mumbai	BrowserStack	58	58_B	ASSIGNMENT QUESTION This round comprises a practical technical test that the candidate is expected to complete in 2 hours. Objective: Run an Automation Test session on BrowserStack's infrastructure. Create a free trial account on BrowserStack to automate this test case using any programming language of your choice. Using Selenium, load the flipkart.com desktop home page. Search for the product "Samsung Galaxy S10" on that page. On the search results click on "Mobiles" in categories. Apply the following filters (in filters section on the left hand side): Brand: Samsung Select Flipkart assured Sort the entries with Price -> High to Low. Read the set of results that show up on page 1. Create a list with the following parameters, and print this on the console. Product Name Display Price Link to Product Details Page Please configure such that the same test case is run in parallel on different desktop browser / OS combinations, using the 5 parallels of your free trial account on BrowserStack Automate product. Optional: Configure a Jenkins CI job locally for this test and run these parallels from Jenkins.
Hyderabad	Hexagon	59	59_H	1. How do you get all the values from drop-down box which is defined by Select.
Mumbai	Sporta Interactive	60	60_S	Programming Question : Test scenarios to be covered : visit: https://www.sportsadda.com/ Click on got it/Cookies button(visible at the bottom of the page that accepts cookies) One Ad pops up which needs to be closed by automation I tried with Selenium but have no clue how to close it Move ahead without login. RHS Scores widget. Click on very first match scorecard Click on Match info tab
Pune	UBS	61	61_U	Suppose there a page with one button if click on that button new tab opens and click button on that new tab again new tab opens how to read the text for the third tab ?
Hyderabad	Medtronics	62	62_M	1. Why do we implement Abstract & Interface class and How did you implement it in your project? Give me a code snippet!
Hyderabad	Duff and Phelps	63	63_D	1.Reverse a string using regular expression(Javascript) 2.Open facebook application in browser and from console change the Darkmode to light mode 3.Difference between async,await,call back, promises 4.Protractor Architecture 5. Properties you used in conf.js file 6. I don't want to use any third party reporting(extents/Allure). How can you build our own customised reports to make stakeholders understand this! 7.If I want to execute the only one specific test case without touching the code/package.json/conf.js/Jenkins .How do you do that from JIRA/ any management tool ? 8. How do you setup the Jenkins in Azure? 9. Why protractor is async in nature? Why they built in that manner? 10.As a senior QA engineer how do you evaluate your junior performance? 11.Practical . Using POM write a login pass and failed scenarios and find the bug in the login module and show that error in the report . 12. Protractor API's
Pune	Nice Interactive Solutions	64	64_N	1. Explain method overriding with the sample code. 2. Write a program as follows. Input - a[1,2,3] Output - b[2*3, 1*3, 1*2] 3. What is Test Plan? 4. What are various git commands? 5. What is explicit wait in selenium? 6. How to automate calender feature of make my trip website through Selenium 7. Write test cases for login functionality of make my trip website. 8. Explain your framework. 9. Explain velocity in sprint. 10. What is regression bug.
Noida	Velocis System Pvt Ltd	65	65_V	1) What is Web Container 2) DBI Model - 7 layers 3) How to change port of SQL 4) Scenario: if we have 50 pages than how you will verify each and every page when open, the url should be https. 5) Different ways to handle hidden elements? 6) Top down model 7) How you verify the war(patch) is successfully up or not while deploying the same on server.
Gurugram	Iorthcorp Software Pvt. Ltd	66	66_N	1) When you decide to stop the testing 2) what does verification means 3) Difference between assert n verify 4) What is same origin policy 5) how to click on hyperlink 6) How to handle web based popup 7) Can webdriver use for mobile application 8) What will be the high availability testing means for a software tester

LOCATION	COMPANY	Q.NO.	ROW ID	QUESTION
Hyderabad	CA Technologies	67	67_C	Java 1. what is String Pool 2. what is difference between String Builder and String Buffer? 3. What are different memory types in JVM 4. what is the difference between ArrayList and Vector 5. what are the types of exceptions in Java 6. what is clone and where did you use Web Services 7. what kind of service level testing u have performed 8. Explain your Rest automation framework 9. what kind of error codes u have encountered in Rest 10. what is 201 code meant for Selenium 11. Explain web driver architecture 12. what is web driver 13. how to handle alert in selenium 14. how to handle multiple windows in selenium 15. what are the types of Locators in selenium 16. Explain different types of X Path locators 17. Did you use Robot class in selenium - explain 18. Explain your selenium automation framework 19. what are different states of Bug - Bug Lifecycle 20. how did you do multi browser testing 21. how do you take screen shot in selenium TestNG 22.Testng annotations 23.why Test NG 24 grouping of test cases 25.how to execute failed test cases using test ng in automation framework 26.how to pass parameters in Test NG 27.explain listeners in Test Ng 28.Screenshot question again aligned in TestNG 29.questions on Build Management Tool 30. First REST Framework 31.Error codes asserted 32.Explain how 2 capture JSON Responses 33.Jars for your REST Framework 34.Questions around Agile and SAFe model - sprints and deliverables 35.estimation of stories -- Core Java Questions around OOPs concepts 36.Explain about collections - mean classes and interfaces 37.where did you use in your framework 38.asked to explain briefly about your selenium automation framework 39.Explain about static 40.questions around static variable 41.question around auto boxing in Java 42.String manipulations in Java 43.Method overriding and overloading differences 44.Write a java code - given a String s ="1123335557", find the first non repeating one 45.waits in selenium 46.code for explicit wait 47.return type of until() in wait.until() in Explicit wait 48.Write a Selenium code given scenario 49.Login to web page 50.click on Login Button 51.Handle Stale Element reference exception
Pune	Xento	68	68_X	What are the challenges you faced in web services and rest api using soapui tool
Pune	Neova Solutions	69	69_N	1. How will you handle certificate using selenium? 2. Multiple inheritance in Java? 3. What are the capabilities in Selenium? 4. How will you create framework for Login Functionality? 5. How will you get all the links from web page? 6. Which framework you have used in your framework?
Bangalore	Subex	70	70_S	1. Explain different types of framework. 2. Consider there are 4 tables in the webpage and i need to get particular value in the second table second row. How will you achieve it through xpath and css. 3. Explain Exceptions hierarchy in java 4. Explain different types of exceptions in java 5. I need to do login and logout for 100 testcases. How will you achieve it? 6. Can constructor be overloaded Explain why? 7. Explain dataprovider with example
Hyderabad	Black knight india solution	71	71_B	1. Risk in agile 2. if one user moves to another sprint then what it is called 3. Bdd is behavior dependent or independent 4. What is most important things to define in a bug 5. Whom to contact if you are unable to understand the requirements 6. Day to day work
Hyderabad	Microsoft Teams	72	72_M	1)How hash map works internally and how its generate hash code? 2) what was the role of you in your automation project? 3)Explain each and every component of framework in detail ? 4)what is the use of pom.xml file? 5)what was the whole day you spent to resolve the issue by debugging the code? 6)For example they are 10 records how will you delete 9 records and fetch 1st record? 7)Difference between ETL and SQL ? 8)How selenium grid works? 9)String s= "a1b2c1111b1c1" write logic
NA	NA	73	73_N	1. Suppose you come to office in the morning, due to any critical reason you have to run test suites but your IDE(eclipse, IntelliJ, VS 2. Consider your team is new to the organization, planning to build a new software and for that you have to write automation framew 3. What is the difference between click() function in webelement interface and click() function in Actions class? 4. What is the difference between Actions class and Action interface? 5. Is it possible to change the behavior of a test at runtime? 6. Consider you are only allowed to use css locator, how will you find the parent/grandparent of a web element? 7. When determining length of any given array a, a length is used and to find the length of any ArrayList al, al.size() is used. To find th 8. Have you heard about lazy initialization? If yes, where it is used and what are the advantages? 9. Have you ever used Maven SureFire plug-in? If yes, where and why? 10. Consider you have to write testSuite for different environments(dev, preproduction, production) and pass different set of data for
Pune	TSYS	74	74_T	Non repetitive ones: 1. What all will you do to optimize your framework to run them in parallel using Selenium Grid/ Browser Stack? 2. How is automation of Salesforce Lightning different from classic
Noida	Monotype	75	75_M	Coding questions on Interview Bit 1. Find the middle node of linked list 2. Find if a string can be made pallindrome by changing only one character return 1 if yes else return 0. 3. Move all zeros in an array of n size to right side. Face to face on zoom 1. Explain the solution of attempted questions on Interview Bit. 2. Discussion about alternate solutions. 3. Tell me about test framework you have worked. 4. How do we share drivers accross framework. 5. What is page object and page factory model.
Noida	Monotype	76	76_M	Coding questions on Interview Bit 1. Find the middle node of linked list 2. Find if a string can be made pallindrome by changing only one character return 1 if yes else return 0. 3. Move all zeros in an array of n size to right side. Face to face on zoom 1. Explain the solution of attempted questions on Interview Bit. 2. Discussion about alternate solutions. 3. Tell me about test framework you have worked. 4. How do we share drivers accross framework. 5. What is page object and page factory model.
Singapore	DBS Bank	77	77_D	Create a Feature file Write Java methods Code should be executable Generate cucumber report with screenshots 1.Navigate to https://wwwdbs.com/about-us/who-we-are/awards-accolades/default.page?productId=jxeawnvl 2.Validate the total number of awards displayed on the page is 22. 3.Validate all the award name and caption of the awards mentioned in the below table and print in the cucumber report in the form o Award Name Caption of the award A World FirstEuromoney The BankerBank of the Year 2018 Global FinanceBest Bank in the World 2018 EuromoneyAwards For Excellence Global FinanceWorld's Best Banks Global FinanceWorld's Best Investment Banks and Derivatives Providers
Singapore	DBS Bank	78	78_D	Automate the below use case using BDD concepts, Java and Selenium 1.Launch URL https://www.dbs.com/sustainability/dbs-stronger-together-fund?pid=splitter-dbs-group Read and write the table in excel sheet.
Charlotte NC	Wells Fargo	79	79_W	1. What is static in java? 2. What is this word in java? 3. What is finally and where do we use? 4. What is method over loading? 5. What is the importance of testng framework? 6. What are different testng annotations? 7. How can you configure tests in testng? 8. What is mavan? 9. What are profiles in mavan? 10. What is cucumber? 11. What does testplan includes? 12. What are challenges you have faced during testing? 13. How you will be an asset to the team?
Charlotte, NC, USA	Lending Tree	80	80_L	1. What you need to test a webservice? 2. What is the difference between soap and restful webservices? 3. What is 401 mean? 4. If everything is successful what code we can see in response? 5. What is 500 error code? 6. What is exploratory testing? 7. What will be your approach to test strategies? 8. Write a program to find a palindrome number? 9. In tight sprint schedule, if a new requirement is added, how will you handle this situation? 10. What are your strengths?

LOCATION	COMPANY	Q.NO.	ROW ID	QUESTION
Austin, TX	Quest global // Apple	81	81_Q	1. What is web Service? Explain with an example? 2. Suppose I have a service which return schedule flights available based on input parameters. Can you tell me how would you test 3. Write a program to find duplicate numbers from a file.(answered with sorting technique) 4. Immediate question, is there any other easy process to find duplicates? 5. Difference between arraylist and set? 6. Is hashmap thread safe? 7. Why it is not thread safe based on answer above question. 8. What is reflection in java? 9. What is polymorphism? Explain with real time example? 10. How polymorphism is achieved in Java? 11. Based on above answer immediate question, what is method overloading and method overriding? 12. Lets say I have 10 lines of test steps, now I have failure step at line 5, how can you get failure step logged and test execution sho 13. Have you used Ireporter in testng and in which scenario? 14. Apart from data provider annotation , any other ways to pass the parameters to test ? 15. Have you worked on unix? Based on answer, what command is used to find a word in a file? 16. What are common autosys commands used? 17 What are different testing techniques you have used to test a feature? 18. What is regression testing? 19. What is difference between smoke and sanity testing? 20. What is stored procedure? 21. Have you anytime invoked stored procedure in testcase? 22. Write a query to find 2nd highest salary? 23. Any knowledge on grpc? Cassandra?
Austin, TX	Apple	82	82_A	1.Tell me about past experience briefly. 2. What is priority in testng? When tests are configured parallel, in which priority tests are executed? 3. What is dependency in testng? 4. What is invocationcount in testng? 5. Given a webservice scenario and asked to write all possible test scenarios? 6. If there is a service A and service B in which service B accepts input parameter from service A output response. In this scenario h 7.What would be the output of below code HashMap<String, String> hm = new HashMap <String, 8. Write a code find latest version from given input array. Input Array= [2.18.2, 1.18.2, 2.13.4, 1.18.4] ... format is like n 9. What are Enums? 10.Can static class be able to change?
Melno Park, CA	Cognizant// Etrade	83	83_C	1. Tell me about past experience ? 2. How will you design a framework to validate we service? 3. How will you validate dynamic response? 4. What is serialization and deserialization? 5. Is there any specific utility to import to serialize the object? 6. How would you validate the complex json response? 7. By sharing your screen can you write a pojo class? 8. Write a program to reverse a string? 9. What is the difference between checked and unchecked exceptions? 10. What is the difference between close and quit in selenium? 11. Apart from send keys, is there any different ways, to type content onto the editable field?
Melno Park, CA	Etrade	84	84_E	1.What is the complex task you have done in Testng? 2. Have you executed testcases parallel? 3. How to compare below list has same set of values when using equals method is failed ? {name:" one", artists: ["art", "art"]}, {name:" one", artists: ["a2", "art"] } 4. Coding task: implement a logic for validating the correct behavior of a jukebox ? 5. Provided 2 locators(ICSS 1XPath) and asked like Are they syntactically correct? Or what are they refers to? 6. What is the difference between selenium web automation and mobile automation? 7.Which language do you choose to automate? 8. If you were given a chance to develop a framework what framework you will be choose(BDD(Cucumber), POM) why? Some more questions asked based on STAR format.
Charlotte, NC	Truist Financial	85	85_T	1. Tell me about yourself? 2. What are the deliverables you are responsible for, in your current role? 3. let's say you have planned for 100 testcase execution, for some reason you are not able to execute and sprint and date is approa 4. Based on above answer, Sprint planned incompleted test stories are carry forwarded or moved to backlog? 5. How do you manage defect in alm? 6. Explain about defect lifecycle? 7. Can tell about any achievements you have done in automation? 8. Can you tell me the difference between bdd and tdd? 9. What you have done with in your projects (bdd or tdd)? 10. How do you launch a mobile app in Appium? 11. Who is responsible for app launches and packages / library configurations in your project? 12. What is a test plan and what are the steps to create a test plan? 13. Why you have used soap ui and postman tools in same project? 14. Can you explain about different components you created in framework? 15. Have you created any web services framework? Explain? 16. Where you run your automation scripts? 17. How will you configure Jenkins job? 18. How you will schedule the deployments? 19. Can tell about selenium grid concept that you have used in your previous project? 20. Can you give some basic commands used in maven project? 21. What are the challenges you faces in your projects? 2nd round. 1. Explain about data driver framework with cucumber? 2. What is the tool set used for your current project? 3. Have you done any configurations in ur project? 4. How tests are configured in testng? 5. What is the purpose of version control tool? 6. What are the git commands you have used? 7. How do you resolve a conflict? 8. What is the difference between system and integration testing? 9. What are the Inbound and outbound for testing? 10. What is difference between severity and priority?
Chennai	Synechron Technologies	86	86_S	Telephonic Interview : Round 1 7 years experience 1. Difference between Scenario and Scenario outline in Cucumber framework 2. Background keyword in Cucumber. What's the use of it? 3.Can we overload a main method ? Say Class A has one main method and Class B has another main method. How to call Class A's m 4. Difference between List and Set 5. What is abstract class? How to call abstract methods from another class 6. Can we call a subclass constructor from superclass constructor? State reason 7. In a web table , there a 50 links in column A and Column B has names of banks correspondingly . Say I need to select SBI bank's c 8. Database connection in selenium 9. Which framework you use in your project ?How do you handle test data in your framework (Excel Apache POI api). 10. How to perform Parallel execution of our testcases 11 What is an inner join in SQL ? 12.What is black box testing ? 13. Difference between boundary value analysis and equivalence partitioning? 14. What are two components Jenkins is integrated with?
Bangalore	Fibrelabs	87	87_F	Different ways to automate OTP using selenium?
Pune	Allianz Technology	88	88_A	1) What is smoke/regression and sanity testing 2)What is collection? difference between set and list 3)On your webpage you have 4 seperate tables then how will you traverse through those tables and select the buttons available in 4)How many exceptions did you handle? 5)When did you got these exceptions?(NoElementfoundException) 6)Webdriver initialization code? 7)Define excel initialization code 8)Types of xpath method?Siblings locator 9)How will you manage code conflict
Sfo Arizona, AZ	Apple Bofa	89 90	89_A 90_B	1. Consider username and password fields with submit button in a page, on submission you will not get confirmation message, how How to take a screenshot of failed test scripts in TestNG
Toronto,Canada	TCS	91	91_T	1.Describe how to handle the below items using selenium -Frame -windows -table -Alerts 2.What is java script executor 3.what are static variables 4.what is the difference between overloading and overriding 5.What is execore library 6.how can you do parallel test execution using selenium 7)What are actions 8.Types of waits in selenium
Toronto,Canada	Royal Bank Of Canada (RBC)	92	92_R	1.what is A and AA WCAG standard 2.Why is accessibility testing necessary 3.Why are different (HTML)tags used 4.What scenarios will you consider for writing smoke pack for accessibility testing 5.Which locator would you prefer to locate elements using selenium 6.how do you handle auto populating drop down 7how will you handle dynamic tables 8.How will you handle scroll bars

LOCATION	COMPANY	Q.NO.	ROW ID	QUESTION
Bengaluru	Goomo Technologies, Global foundries, PureSoftware, Mphasis,	93	93_M	Goomo IQs 1st Round - Written Test Set A 30 mins 1) Automate Login page wrt Appium/Selenium with Java as a language and mention all the tools, libraries, type of framework used 2) Automate Login API with Java as a language and mention all the tools,libraries, type of framework used URLs, Credentials, HTML DOM Structure, and API URL was provided Set B 30 mins 1) Print all the Palindrome Word in a sentence and thier count 2) Print the few int values in an array, verify each no., Whether they are odd, even, prime, odd and prime, even and prime 2nd round 1) Explain complete Framework with folder structure and explain all the tools and for what reason you have used and explain all the 2) Overloading vs overriding and where you have come across in Webdriver 3) How to handle alert popups 4) Write a TestScript for any E-commerce scenario after logging into the application 5) Exceptions you have come across and what reason they have come and how to overcome them 6) Frames handling 7) Did you work in API Manual and Automation and Applium 3rd Round 1) Automating Paginations in E-comm app, navigating from 1 to 2 and till 5 and here select a Nokia product 2) Handling frames in details like, in Frame 1, shifting one child frame to another child frame and then shifting to frame 2 etc.. 4th round 1) How to Handle dynamic elements partially dynamic and fully dynamic 2) Why Hybrid Framework, what the de-merits with other kind of Frameworks 3) Explain complete hybrid framework in detail writing on a board 4) In your career, which is the best 2 months and why? 5) What test cases you Automate 6) Assume there is project which have not been tested(Manually not tested) yet,and how do you approach Automating it and it need I asked whether it's a long term project, and does it has QA environment set up? Interviewer said yes for both. 7) Two lifts are there, I am in 2 Nd floor, Now write a Java program, so that any one of the lift which is near by should come when we p 8) what are the reasons that sometimes, a Testcase will work fine for 1 browser and fails for other browsers, and how do you handle i 9) Explain Selenium Grid 9) There are 5 medicines, a,b,c,d,e and few are Out of Expiry date and few have Expiry. The ones that have Expiry weights 500 GM, tha 11) How do you select the Framework For Leads 1) How do you assign the task 2) How much % of work you do as a lead 3) Client Interactions 4) Documents you need to prepare as a lead 5) what are the help you have provided to your team 6) What exactly is your Role 7) How much percentage of Test scripts must pass on daily basis 8) Why Test script will fail 9) Explain Selenium Grid and what are the Systems and OS you have Automated, write code Global foundries Interview Questions 1) introduce yourself 2) Program to validate your name is Palindrome or not 3) Bug life cycle in detail 4) shortfalls of Scrum 5) Extracting Authentication UN and PW from property files is a bad practice isn't it? 6) Using WorkbookFactory type for extracting data from Excel is not a good idea isn't it? 7)Swap 2 values, int, float, double and char values without using 3rd variable 8) how to handle non reproducible issues 9) How will you execute Testcases in Jira 10) Explain complete flow of framework 11) which is better CSS or Xpath 12) how do you handle dynamic webelements 13) Explain all Test case design techniques used with an example for that Test case you have applied the respective techniques 14) Explain Bug Life Cycle in detail w.r.t any of the project you have worked 15) how to approach a deferred defect, deferred defect means it's accepted by Dev or rejected? Mphasis Interview Questions 1st round 1) complete framework explaination and it's tools 2) framework code for login 3) code to read data from Excel and that should get sent to UI i.e., for un, PW fields 4) String a= "I Love Java" O/p Java Love I 5) String a= "I Love Java" O/p avaJ ava. I 6) String a = "abc-2019" O/p [abc] [2019] 7) Practical usage of StringBuffer 2nd 1) String name = "Madhu"; name.toUpperCase(); Sysо("name"); O/P? 2) Explain TestNG in detail 3) key= fruit, value = "apple"; key= fruit, value = "mango"; Using any Collection how to print the values Ans - Use MultiMaps 4) There are @Test1 and @Test2 methods in TestNG, but there are methods in Test1 which gets executed only if Test2 gets executed.
Singapore	DBS Bank	94	94_D	5) How to rerun failed TestCases? 6) Explain how do you approach Testing process if you are in day 1 of the sprint 7) Explain which priority Test Suites you run in Automation,i.e., do you run all P1,P2,P3 slutes 8) Explain the priorities of the Locators you applied in your project, how do you decide 9) Explain Regression Testing wrt Manual and Automation testing, what is the Approach 10) Explain smoke VS Sanity in detail 11) throw Vs throws 12) finally importance 13) what is finalize 14) why final is needed 15) why Jenkins and Maven Pure software Interview Questions for Oracle Client w.r.t Automation using Selenium Webdriver with Java 1) Explain your current project 2) Explain Framework basic approach from your project 3) How do you shift from one location to another location in UI in the same page using Webdriver 4) challenges in Scrum 5) How to handle Mouse hovering in Webdriver 6) String reverse program 7) In a Drop-down, there are several options, and I need to select INDIA, how to achieve using Webdriver 8) Explain interface, what kind of methods it contains 9) Explain Method overriding 10) Explain Polymorphism 11) How did you extract data in your framework 12) What is Xpath and explain what situations you use Xpath and type of xpath commonly used in your framework 13) findElement Vs findElements 1) Write code for whether some text is highlighted and underlined on a webpage? 2) What is background in cucumber? 3) Difference between and, but keywords in cucumber? 4) What is scenario outline? 5) Write skeleton of test runner? 6) How to scroll down a page? 7) How to click right click of mouse? 8) Difference between final, finally, finalize? 9) Explain about git rebase, Git clone? 10) There is a sentence with many spaces (don't know the count) between the words I/P Example: My Name Is Ram Write a method to change it to only one space between the words them O/P: My name is Ram 11) Can we execute a java program without main method? 12) If we declare the main method as private what will happen? 13) How to check whether the array is empty and null? 14 Write some example SQL queries on where, order by, group by? 15) Explain about Jenkins?
Kolkata	Lee & Nee Softwares	95	95_L	What will be your next steps if developer not accepting the Bug?
Bengaluru	Vedantu	96	96_V	1. Is it possible to extend Final Class? 2. Is it possible to override Static method? 3. Is it possible to overload main method? 4. What would happen, if multiple inheritance is possible, in Java? 5. What is difference between get() and navigate().to() in Selenium? 6. What is difference between findElement and findElements, in Selenium? 7. How would you check the broken links, in the webpage? 8. How to get n-th element using Xpath and CSS? 9. Is webDriver a class or interface? 10. What is returned by driver().manage() ? 11. What is difference between Authorization and Authentication? 12. What is difference between Validation and Verification? 13. What is the next step to be taken, if developer rejects the Open defect? 14. Explain Defect Life Cycle 15. Explain the process of Testcase review. 16. Write Testcases to test Facebook live.
Bengaluru	Wissen Technology	97	97_W	1. Explain Defect Lifecycle 2. Differentiate between Validation and Verification. 3. Explain V-Model using the Validation and Verification. 4. Differentiate between Smoke testing and Regression testing. 5. Explain Interface and Abstraction 6. Is is possible to initialize a variable present in an interface ? 7. Can we call a non-static variable in static method? 8. Explain Authentication in API testing. 9. What is stringify in Rest Assured? 10. What are listeners? 11. Differentiate between get() and navigate().to() 12. What will driver.findElements() return? 13. What will driver.getWindowHandels() return? 14. How will you get all the values in a dropdown, using selenium? 15. How will you perform drag and drop of an element from Frame1 to Frame2? 16. How will you handle Authentication popup in selenium? 17 How will you automate Windows based application?
Bengaluru	Value Labs	98	98_V	Round 1: 1. What is Sanity Testing? 2. What is Smoke Testing? 3. Differentiate between Regression and Retesting. 4. Explain Bug Life cycle 5. How can we handle windows based popup? 6. How can we handle Java popup? 7. Explain the different type of waits. 8. What is the use of Java Script executor? 9. What are the common selenium exceptions? 10. How will you handle StaleElementReference Exception? 11. What are the types of locators in selenium? 12. How will you get the color of an element, using selenium? 13. Which locator is preferred in testing industry and why? 14. What are the challenges of using the selenium? 15. What are the API status codes, you have come across? 16. What are the Rest Assured http methods? 17 How will you connect to a Database, using Java? Write the code. 18. Write a code to reverse the code, without using the built-in method. Round 2: 1. Write a Java code to identify, if the pair of strings are an Anagram or not
FIGmd	D.L.T.Labs	99	99_D	How will you re-execute failed test cases in Selenium, until they passed

LOCATION	COMPANY	Q NO.	ROW ID	QUESTION
Hyderabad	UHG	100	100_U	1 Explain method overriding and method overloading 2.Difference between put and post 3.Difference between run and compile polymorphism 4.bug life cycle 5.scenario based test cass 6.sql - outer joins 7.Java program reverse string 8.what is test runner in cucumber
Coimbatore	Cognizant	101	101_C	Get a list of 5 flights for next Friday..
Hyderabad	Legato healthcare	102	102_L	The locators should be generic that it should select next Friday whenever we execute the test. If we do not have a select in a dropdown and the dropdown elements are hidden then how can you access the elements of the drop
Noida ,India	R System International Limited	103	103_R	Q. They asked how to automate the list element /elements using the java in Page Object Model. For eg: goto goibibo.com Enter the delhi (Source) Enter the Mumbai(Destination) How to handle the list which are opened autosuggestion down. Looking forward for your response is highly appreciated. Regards, Anand Kumar
Bangalore	Moolya Software	104	104_M	1. What is selendroid? 2. How do you switch from native to webview using appium? 3. Explain the desired capabilities needed to invoke a app in appium? 4. Which appium version currently you are using? 5. What is the default port number in appium server? 6. How will you skip a particular test in testng? 7. I have different set of username password that I need to pass the value to a test How to achieve this? 8. Explain the challenges that you faced in appium? 9. Explain git commands. 10. Tell me the procedure for pulling the code from a particular repository in git to your local machine. 11. For a string "Welcome to moolya" write a code in java to print the repeated character and display how many times it is repeated 12. Given arraylist =[2,5,1,10,20,20,15] Sort them in descending order 13. Write a code to print in the following sequence. 1 2 3 4 n 6 7 8 9 n ..... 1000 14. I need to automate a scanner app in mobile. What is your approach in appium? 15. I need to run the testcases in 50 mobiles in parallel mode using appium. How will you achieve this? 16. How will you automate OTP number fetching from a sms using appium?
Chicago	Synechron	105	105_S	Missing question
Trivandrum	Infosys	106	106_I	Is there any helping documents or tips for Servicenow Automation using selenium java ?
Hyderabad	Capgemini	107	107_C	1. How to retry failed test cases in JMeter 2. How to send email notifications only if retry build is failed in jenkins 3. User friendly parser used for handling soap xml response.
austin tx	texas mutual	108	108_T	what is the reporting tool/reports you used with postman or rest api testing tool ?
Noida	TSYS	109	109_T	1.Define STLC? 2.Difference between test case and tes scenario. 3.Define your role in your company. 4.How will you create a BDD framework from scratch. 5. Tell me how you created your organization framework.What are the main components. 6.Testng annotations. 7.If you created any proof of concept at your firm. 8.Stale exception 9. How many type of exception in selenium you have faced. 10. Upcasting example that you implemented in your selenium code. 11. How you implemented overriding ,interfaces in your framework. 8. Example of dynamic and static polymorphism you impleemnted in your framework. 9.What are the main components in BDD framework.
Hyderabad	Prolifics	110	110_P	1. call by reference and call by value 2. limitations of testng 3. write a single line of code to select the drop-down using UFT
Pune	Scrum star	111	111_S	1. How to minimize the window? 2. How to take the screen shot of complete screen? 3. How to remove duplicates? 4. How to remove all the special characters from string? 5. How to scroll the window till it found webelemnt?
Kolkata	Intelliest	112	112_I	1. how to find an element in a webpage whose id keeps on changing on every refresh. 2.how do you get text of a popup box 3.what are frameworks u have used
Bangalore	Sony, NIT, Dell	113	113_S	1. How can you change the value of const in JavaScript? 2. How to fetch the ip address of a link? 3. How to get count of broken link on a web page? 4. Which is better Xpath or CSS Selector?
Bangalore San Jose	Signaj Exabeam	115	114_S 115_E	Round 1: Qa round 1.Test case and test scenarios difference 2. Login page test case 20 scenarios asked 3. Black and white box testing 3. Api testing. Round 2. Senior QA 1.Explaining qa life cycle 2. Agile process 3. Test case on video link 4. Test scenarios on app increase views on YouTube Round3. product manager 1. Project explanation 2. How you over comes obstacles in the project given to you 3. Basic manual testing questions Round 4 Cto round 1.meter related questions spike testing endurance testing load testing stress testing (terminology) 2.Zipf's law 3.Test cases on railway tracks 4.How do you test endurance of railway tracks 5.What are you looking in Signaj How do I debug a bug that you found, weather that bug is product bug or your automation script bug
Bangalore	Capgemini (C2H role)	116	116_C	1. Q. What is scrum and kanban? 2. Is webdriver a class or interface then which class is implementing methods of webdriver? 3. Example of method overloading in selenium. 4. Can we take screenshot in headless mode? 5. Have you worked on jenkins? Have you triggered headless mode from jenkins. 6. Return type of driver.getwindowhandle and getwindowhandles? 7. what is fluent wait? 8. How do you manage branches of code in you project? 9. Have you done mac os testing with RPA. 10. What is out in system .out.print in? 11. What is alert() in driver .switchTo()? 12. What is super interface of webdriver interface 13. Expected exceptions annotation in testng. 14. How to check and run failed test cases of project. 15. How to map objects coming from a json response where the response is very big (country--> city1 --> city2:: more details) a 16. Upcasting and down casting in java 17. Is map a part of collection? What is hashmap? 18. Have you worked on any device testing like Appium? 19. Have you performed BDD testing? 20. What was the last issue that you got when executing script or you check as first parameter. 21. Have you worked on docker and Kubernetes?
Gurgaon	Lucid	117	117_L	1. Q. Write a program to merge two sorted arrays? Input: a[] = {1,3,5,7,9} b[]={2,4,6,8} Output: C[]={1,2,3,4,5,6,7,8,9} 2. How to do parallel test execution 3. Why implicit wait was not used instead of explicit wait in your project. (I mentioned explicit wait was used but later we had to u 4. What is selenium grid, how do you have tests configured for diff browsers? 5. How to run failed test cases in selenium? 6. How to run failed test cases again without knowing which ones have failed? 7. Problems faced while parallel test execution? 8. Any showstopper issues in product? 9. Bugs faced during automation/ 10. What is lambda expression?
Gurgaon	Axtria	118	118_A	1. What kind of framework you have worked? Experience in developing framework? Utilities used in framework, as in architecture? 2. Which IDE using for Selenium, Eclipse. Which selenium version worked on? 3. Basic setup for selenium, how do you initialize the driver? Why webdriver driver= new webdriver() not used? 4. Why we need to initialize browser driver again if it uses memory again? 5. How to enter data in a java alert box having username/password? 6. Types of Xpaths, what is dynamic Xpath? Diff of Absolute path and Dynamic Xpath? 7. WebDriver Waits and their types? How to apply explicit wait on an advertisement that is dynamically changing on name and ti 8. How do you read the excel sheet contents and which dependency do you use for excel? 9. How to get data from excel sheet that has n no of rows and sheet, how to handle this with array? 10. Soft and Hard assertions. Syntax for it. Have you used them in your project with 100 test cases? 11. Page Object model. What is it. I have 5 pages, login page then home page and then other pages. 12. How to define dynamic array 13. Diff between array and array list 14. Diff between array list and linked list.
hyderabad	Prutech solutions	119	119_P	1.tell me about yourself 2.do you have knowledge of any performance testing and which tool you have used 3.choose anyone manual or automation and tell me reason why you choosed? 4.what is data conversion testing? 5.what is API testing? 6.how you done cross browser testing and how many browser you have used? 7.which test management you have used?
Pune	Cognizant	120	120_C	*1. Limitations of using Appium? 2. how to find DOM element or xPath in a mobile application 3. what are the possible errors one might encounter using Applium 4. what are the most difficult scenarios to test with Appium?"
Bangalore	ITC Infotech	121	121_I	1. How do we delete cookies from local file system? (Basically at the time of opening browser, cookies must not be present even in t 2. How to copy array elements from one array to another array, without using for loop. 3. What are matrix parameters in REST API and how do we validate using REST-ASSURED? 4. How do we submit file as payload using REST-ASSURED?
Pune	Cognizant	122	122_C	How tuo run only 100 tets case
Hyderabad	dot com weaver	123	123_D	1.Tell me about yourself 2.Explain Sdlc and Stlc? 3.Explain Bug lifecycle? 4.What is assessment testing? 5.difference between Stress testing and load testing? 6.What is soak testing? 7.What is difference between bug and Defect? 8.tell me 10 test cases for item add to cart for ecommerce application? 9.how you will perform load testing and stress testing? 10.what is adhoc testing? 11.Exploratory testing? 12.what is build acceptance testing? 13.explain severity and priority and High severity with low priority, low severity and high priority? 14.what is data driven tetsing? 15.what test plan contains? 16.how to classified a defect? 17.Explain about agile methodology? 18.Tell me columns contains in testcase template? 19.What are the types of testing?

LOCATION	COMPANY	Q.NO.	ROW ID	QUESTION
Pune	Nuance Communications Ltd	124	124_N	1)What is Webdriver? 2)Explain Selenium Architecture (want to open browser and type google.com) flow of this in Selenium how it is been done. 3)What is TestNg 4)How do we pass values in testng? 5)How can we write and declare customized exception 6)What is Select? 7)How to handle dropdown without using List how can we select the dropdown values 8)How do we pass values through dataprovider and whats the return type for the same. 9)Which asserts have you used and through assert can we send the customized exception or message if the values are not matche 10)In your project have you used or created customized exception.
CA, USA	Mphasis	125	125_M	1. How will you run tet scripts from the command line without using Eclipse/TestNG? 2. How will you add new test class to the step definition by drag and drop only ? 3. What are the components in Jenkins ? 4. Which Access Modifier is the most restrictive and why ? 5. Write a code to get Highest number using array 6. How will you identify elements in Appium?
Hyderabad	Capgemini	126	126_C	1. What is difference between group id and artifact id 2. Explain retry antiuser code 3 what is syntax of AND in BDD 4 how to generate html reports 5 interface concept in java8
Bangalore	FIS	127	127_F	1. What is the explicit wait syntax for web page to get loaded? 2. Explain webdriver architecture? 3. How to highlight any option in selenium? 4. How to resolve merge conflict? 5. Difference between git fetch and git pull? 6. Difference between linkedlist and arraylist? 7. Write a program to reverse each word on string using collection. 8. Significance of 300 status code
Arizona	walmart	128	128_W	1.when you will get a bug what you will do? 2. if you want run same Test cases in different Environment . How you will do that?
Chandrapur	Vertical software	129	129_V	1. How to write a test cases on ethernet port in PC? 2. Which tools are used for network testing?
Pune	Vertical software	130	130_V	Write Test cases for computer USb port(hardware and software both).
coimbatore	cognizant	131	131_C	1. defect cycle 2. difference between relative and absolute 3. RTM
Pune	Amdocs	132	132_A	1. Given a string suppose sahil.Please sort it in alpahbatical order without using any inbuilt. 2. a[] = {1, 3,2,5,4}; b[]={7,6,9,8,10}; Given two arrays merge this two arrays into single array without using inbuilt methods 3. Employee -> emp_name,emp_id,emp_salary if emp_name is A and id is 1 salary is 1 similarly upto emp_name Z id 26 salary 26. Find out the emp_name whose salary is maximum without using max function 4. Suppose we have 10 frames and on the 10th frame there are multiple checkboxes with same name how to check whether it is selected or not() , xpath all are same for these checkboxes) and how do we go to that 10th frame. 5. For the above same example how to select that checkboxes using mouse in Selenium (id xpath or any other locators is same for all 4 checkbox) 6.What UNIX commands you have used can you please tell me
Bangalore	Mystiffy pvt ltd	133	133_M	1.what is Regression and Retesting 2.what are the locators used in selenium 3.Different functions used in Xpath 4.What are the interefece used in selenium 5.What is testing life cycle 6.Which locators you used much during finding of elements 7.Where do you used inheritance in selenium. 8.What is difference between Hash Map and Hash Set 9.What type of exception you came across while testing. 10.What is meant by Thread. 11.Explain the test metrices 12.How you perform double click 13.Explain about Rest services 14.What is single ton class in java. 15.What is Sanity and Smoke Testing 16.Difference between put and patch 17.What Test plan document contains 18.How to handle multiple windows 19.How do you scrolldown in selenium 20.Different types of Oops you worked on. 21.What is meant by RTM 22.Can we override constructs 23.Explain about super in java 24.difference between array and array List
Pune	Tech Mahindra	134	134_T	1.how to manage junk data passing through Jenkins 2.how will we run test data more than 1L with testNG 3.test case addition method input and output for database
Chennai	Soft Suave Technologies	135	135_S	White Rats: 1st year-Gives birth to 2 rats, 2nd year-Give birth to 3 rats, 3rd year -Dies Black Rats:1st year -Givers birth to 3 rats, 2nd year-dies Input: Input consists of 2 space separated by positive integers N,K where n represents years and K represents number of rats output: Difference between population of white rats and black rats Input:3 5 o/p:35 Input:4 10 o/p:200 Explanation:White rats initial no of rats 5 1st year-5+5*2=15 2nd year=15+5*3+10*2=50 3rd year=50+10*3+35*2-5=145 //initial 5 rats die Black rats: 1st year=5+5*3=20 2nd tear=20+15*3-5=60 //initial 5 rats will die 3rd year=60+45*3-5*3=180 difference in population of white and black rats: 180-145=35
Hyderabad	Deloitte	136	136_D	What is the return type of window handle method. Write a program to print a prime number from 1 to 100 in reverse string. How to use delay in project. When will you get null point exception error.
Pune	LMS solution	137	137_L	1.what is collection. 2.Tell me about TESTNG annotations. 3.String String x "ABC"; what is the out put 4.how to retrieve data from excel using dataprovider. 5.what is the Recovery scenario in UFT? 6.working of testng.xml file? 7.how to run multiple method in parallel
Toronto	prooftestconsultant.com	138	138_T	1. Introduce yourself? 2. You have limited resources, and have 100 test cases, What criteria you use to prioritize that to execute test cases? 3. How would you priorities Tests? 4. You got one API to test, add new employee given scenario is email id , password and re-enter password, how would you validate backend testing. 5. Do you have any question to ask to me.
Cardiff	ABVL	139	139_A	DP [05.10.20 19.47] Hi, can anyone help with these questions? DP [05.10.20 19.47] With test automation being newly introduced on a large project across multiple scrum teams, how would you ensure you have clear Please consider the following: a. Understand the automation % potential in each scrum team. b. How would you feedback any missed automation opportunities to the team? c. How would you communicate your findings to the Senior Test Automation Analyst?
CHENNAI	ACCENTURE	140	140_A	Explain the concept of Duck Typing in Python
Pune	Zocdoc	141	141_Z	1. Write a code (any language you are proficient in) such that when passed two arrays of names, it will return an array containing the For example, Input : Array 1 - ['Ava', 'Emma', 'Olivia'] Array 2 - ['Olivia', 'Sophia', 'Emma'] Output : should return an array containing Ava, Emma, Olivia, and Sophia in any order. 2.Write a code (any language you are proficient in) to check the biggest palindrome in a given array. For example: Input: Array - {aaa, aba, adda, acdea, aeda } Output : The biggest palindrome is adda
Bangaluru	Capgemini	142	142_C	1. Difference between findelement and findelements 2. Which locator is preferable ? What is the criteria to use the locators ? 3. There's a webelement Button it's id is abc how will you create xpath ? 4. Order of Testng annotations 5. How do you communicate with excel file in data driven framework ?

LOCATION	COMPANY	Q NO.	ROW ID	QUESTION

Pune , india	Capgemini , Pune	143	143_C	Capgemini Automation Profile 5 Years (Pune Location)
				==========
				1. Write the o/p for below code:
				String s1 = new String("abc");
				String s2 = new String("abc");System.out.println(s1 == s2); False
				StringBuffer sb1 = new StringBuffer(s1); System.out.println(s1.equals(sb1)); False
				String s3 = "abc"; s3.intern(); System.out.println(s1 ==s3); False
				
				2. What all OOps Concept has been used in below Pgm:
				public class BaseClass{
				private Integer myIntegerValue;
				public void testMethod(){ (Method Overriding)
				System.out.println("Inside Test Method");
				}
				private void showMethod(){
				System.out.println("Inside Show Method");
				}
				}
				public class DerivedClass extends BaseClass{ //(inheritance)
				public void testMethod(){ (Method Overriding)
				System.out.println("Inside derived test method");
				}
				public void showMethod(){ // (Method Overriding)
				System.out.println("Inside derived show method");
				}
				}
				
				3. Write Output for the below code:
				@test (priority 0) ()
				@test (priority 1)()
				@test (priority 2)()
				@test (priority -1)()
				@test (priority 0)()
				=====
				4. Write a program Indi2ia45 to print in below format
				op- indiamy1245
				========
				
				5. git diff 6.Binary no. program 7. Write a syntax to find 3rd highest salary. 8.Desired Capabilities Syntax
				9. Open the google chrome and write a xpath of "I'm Feeling Lucky"
				10. How to Setup and execute testcases in different Virtual Machine?
				11. How to Convert Hashmap to Array 12. What is hashmap? 13. How HasMap work Internally.
				14. diff b/w // /. 15. How Failed TC will rerun Automatically.

Canada	Crescendo.com	144	144_C	What is the use of constructor in java
Coimbatore	PSG software technology	145	145_P	Test scenario and test cases for selecting colleges based on the department, year, semester for NGO donations.
Hyderabad	Salesforce hackearth exam	146	146_S	Kadane's algorithm = find the largest sum of the sub-array in a given array of integers
Dublin	EIDA Solutions	147	147_E	What is wrapper services and its benefits
Sanfrancisco, CA	Clear labs	148	148_C	Using Selenium Web driver, please develop a test that navigates to https://www.expedia.com/ searches any query, and creates 3 as 2. Using Postman, create a request that sends a GET request to the open weather map API. Here's the API URL: https://samples.open 3. Create a framework for API test automation, Add 3 assertions for validating response for Query to verify a Graph QL API.https://gra 4. Using Google Translate API, create a CLI tool to take as an input a JSON file and a language, and returns JSON values into transla

Mumbai	Citius Tech	149	149_C	1. Difference between Test Plan and Test Strategy.
				2. Explain Test management tool 3. Challenges faced in testing. 4. Explain agile methodology.
				5. How batch execution is done. 6. Explain Automation Framework used. 7. Continuous Integration .
				8. Different type of testing experience. 9. Explain database testing. 10. SQL(group by) function
				11. write random sql queries. 12. SQL(inner join) 13. Explain map in java
				14. O/p for below program.
				class a {int i; } class test { public static void main(String args[])
				a A=new a(); System.out.println(A.i); }
				15. O/p for below program.
				class A{ void msg(){System.out.println("Hello");} }
				class B{ void msg(){System.out.println("Welcome");} }
				class C extends A,B
				Public Static void main(String args[]){ C obj=new C();
				obj.msg();//Now which msg() method would be invoked?
				} }
				16. O/p for below program
				class Animal{ Animal(){System.out.println("animal is created");}
				} class Dog extends Animal{ Dog(){ System.out.println("dog is created"); } }
				
				class TestSuper4{
				public static void main(String args[]){
				Dog d=new Dog();
				}
				
				}
				
				17.automate the page and using PageObject

NA	Societe Generale	150	150_S	How do you perform Automation Code Review/ Walk Through in your project
Noida	BirlaSoft	151	151_B	1.what is BDD and explain in detail about feature file and gherkin syntax 2.Explain about runner class ? 3.use of background in cucumber? 4.Cucumber tags ? And how to run different combinations of tags when multiple tags are present 5.difference btw scenario and scenario Outline 6.Difference btw hooks & Tags
NA	API	152	152_A	1) How to parse a json 2) How to parse a xml 3) How to insert key:value based upon some searching criteria 4) Write code for conversion of json to xml and xml to json 5) what do you mean by query parameter and path parameter 6) what is the difference between put and patch 7) what are the validation while API automation 8) Explain your framework(Rest Assured) 9) what do you mean my object notation and array notation in json 10) write code for json Read 11) what do you mean by POJO why we use POJO 12) what do you mean by authentication and what are the types of authentication while API testing 13) what is the difference between URI and URL 14) how do you store result and use further in groovy scripting 15) what do you mean by Test runner in groovy scripting 16) what is the Rest service architecture 17) what is the soap service architecture 18) what is the soap ui work hirarchy 19) how to set and get property using groovy scripting 20) what do you mean by jsonslupar and xmlholder 21) how to convert json to Hashmap 22) what do you mean by Data source Data Sink and Data Source loop and why do we use it 23) how to handle SSL in SoapUI 24) what are the different type of properties in SoapUI how you declare using groovy scripting 25) What is the main thing while API automation. 26) what do you mean by Webservices and why do we use Webservices. 27) what is the difference between soap and Rest. 28) what do you mean by UDDI and what do you mean by WSDL. 29) what are the different type of HTTP Methods. 30) how to parse a list from a json for example there is json and there are multiple IDs how you will parse all the IDs from json and how you will parse a particular Id from that json.
Mumbai	Tech Mahindra	153	153_T	1. Why protractor? When we have selenium 2. What are the protractor related locators? 3. If answered above, then a question from a locator specific how to write a syntax of it and where we use. Note: To me they asked about Locator Repeater. When we use it? 4 About Tag Name locator and syntax of it? When we use it? 5. Scenario: There are dynamic alert popus in a web page. Which we never know when the pop arise. How do you handle it? 6. In a chrome, the xpath is working fine for specific element where as in IE the samx xpath for the web element is not working. How do you handle in IE? 7. How to use asserts in protractor? 8. How to fetch the value or data from an Excel for specific cell in a row? 9. Where the project located in your company and how you process with it? 10. Which is better merge or rebase? 11. How to will run the test without using jenkins for every one hour?
Bangalore	Cap Gemini	154	154_C	1. What is meant by method overriding and how does JVM decide at run time which method to call 2. Give an example of method overriding in your framework 3. What is method overloading and give an example of it in your project 4. What is an interface and how have you used it in your framework 5. What is object class and name some object class methods 6. What is abstract class and why do we use it 7. What is difference in interface and abstract class 8. How will you handle several open windows through selenium 9. What class does the getwindowshandles method belong to 10. What methods are available in actions class and alert class 11. How can you perform database validation that if your UI data has been updated correctly in the database or not through selenium 12. How can you rerun only failed scripts in your framework 13. What are oops concepts and give an example of each in your project
Gurgaon	Toffee Insurance	155	155_T	I appeared for Selenium with Python profile. 1)What is the difference between tuple and list? 2)Where we set python home? 3)What is the difference between help and dir function? 4)Explain framework 5)What is the difference between .py and .pyc extension? For API :- 1)what is the diffence between put and post? 2)what are environment variables? 3)what are collections in postman?
Gurgaon	Toffee Insurance	156	156_T	1) how to extarct data from a webtable ?
Bangalore	Publicis Sapient	157	157_S	1. Brief intro about self 2. How and where have you used Over loading, overriding scenarios in your projects or where will you use? 3. Write a program to find a factorial of a number using recursion 4. What is the use of properties file 5. Explain the framework structure that you had in your testing projects 6. What are the testng annotations and explanation for each of it 7. Pom.xml and its use 8. Jenkins and its use 9. Any experience in BDD 10. Report generation techniques that you have used. 11. Reverse a string 12. How will you switch to a desired window 13. How will you iterate through the windows 14. Return type of window handles 15. Types of waits. 16. Some of the webdriver wait functions 17 Locators 18. Write the xpath of an element in any of the website

LOCATION	COMPANY	Q.NO.	ROW ID	QUESTION

(California)	Walmart	158	158_W	1. Print all titles of the web pages
				2. call Api (https://jsonplaceholder.typicode.com/todos/1 {
				"userId": 1,
				"id": 1,
				"title": "delectus aut autem",
				"completed": false
				}
				
				3.how is workflow and approach of working towards your frameworks.ci/cd/reporting
				4.report the duplicates of an array of integers array [7,5,3,2,3,1] report 3
				5.Write the sql queries (from student table)

Bangalore	IQVIA	159	159_I	1.What are the different status code you seen while working with API Testing? 2.What is cross browser testing ? how you had implemented in your project?
Chennai	TCS	160	160_T	Using Selenium can we automate JavaScript?
Delhi	Rogers Appium Questions	161	161_R	Q1) Difference among mobile Native, Web and Hybrid apps? Q2) Name the language that is used to write tests in Appium? What all frameworks that are supported by Appium? Appium Limitation Q3) Difference between Appium and Calabash? Prerequisites to use Appium? How do you setup Appium? Q4) Advantages and disadvantages of Appium? Q5) What is Appium inspector and how it works? Q6) How data exchange function between your test and the App? Explain the design of the Appium? Q7) How can you find the DOM element or X path in case of a mobile application? Q8) Name the types of errors that you can face in Appium? Q9) What are the most difficult scenarios that one might face while testing Appium? Q10) What is an Appium package master? How can you create an Appium Package? Q11) What is the underlying API that Appium follows? Q12) How can you inspect elements that are present in the Native Android App and IOS app? Q13) Write the command that will allow you to identify objects uniquely when there are multiple objects within the same class name Q14) Mention the method with which you can scroll down in App? Q15) Give the difference between emulator and simulator? Which approach is the best? Testing on real devices or simulators/emulators
Bangalore	Capgemini	162	162_C	1. What are the OOPs concepts u hv worked on? 2. Test Order in TestNG 3. Data Providar in TestNG? how it works? what is the return type? 4. what is constructor? why is it used? where u cannot use constructor? 5. What is inheritance? Can we use inheritance in interface? 6. What is multiple inheritance? 7. What is the return type of getWindowHandles? 8. What is the return type of hashmpas? 9. What is abstract method? cn we write static methods in abstract class? 10. can we create constructor of abstract class? 11. how u generate reports of ur Framework? how do report pass/fail of a step? 12. what are collections and hashmaps? 13. tell me the syntax of hashmaps. How do u print the output of hashmaps? 14. where do u store ur data of ur framework? how to do u work wit excel sheet with ur framework? 15. how TestNG teardown works? 16. what is findElements? when u can use it and why? 17.why is string immutable? 18. What are the annotations u used in TestNG? 19. Can we write non-abstract methods in interface?
Chennai	Indium Software	163	163_I	Which webservices mostly used in banking domain?
Noida	AppSierra	164	164_A	1. How to reverse individual words in a string "Hello world" as "olleh dlrow" 2. How to get the frequency of the duplicate elements in the array and print the duplicate elements
Pune	Quickheal	165	165_Q	1. Design Framework for api testing 2.send request using curl commands 3.write a program using yield and lambada function
Bangalore	Harman	166	166_H	1.Explain about yourself 2.Explain about your current project 3.Explain Cucumber Framework 4.Explain PageObjectModel 5.Entrance scenario of Automation testing 6.Which framework have you used in your project 7.Diff b/w frames & iframes 8.Tell me one scenario in your selenium project where you have used polymorphism 9.Have you used interface in your selenium project 10.What are functional & Non functional testing 11.What will do in your Testplan 12.what is STLC & SDLC 13.Tracability Matrix
Pune	Amdocs	167	167_A	1. What is difference between API testing and Webservice Testing 2. What are the Agile Ceremonies you follow in your project 3. How you have implemented Jenkins in your project 4. Write Python program to read data from text file and convert it into JSON format 5. Script to Launch Browser 6. WebDriver is Class or Interface 7. Git Commands you are using in day to day life 8. Python program to print Given Pattern 1 2 3 4 5 6 7 8 9 10 9. How to transfer files from one server to another server 10. What will be output of below command on Linux grep -B "This is Data"	Given Text
Mumbai	Morgan Stanley	168	168_M	1. Explain Selenium architecture 2. Name locators 3. Name types of XPath 4. Difference between list and tuple 5. What are sets in python? 6. Name some modules in python 7. Purpose of init() method 8. Oops concepts 9. Outer left join, explain
Bangalore	List global for adobe client trivandrum (specflow selenium c#)	169	169_U	1-How do you keep your test data file in bdd project, 2-how to handle serialization and deserialization in api testing, 3-why do you not use extent report in your specflow project, 4-how do you create custom report in specflow, 5-what is dependency injection concept, 6-what the base class for context in specflow, 7-can we use scenario without " then", 8-what is the team velocity, 9-how do u handle different locator for different browsers for the same element, 10-Describe your framework, 11-how do u design hybrid framework, 12-how do u handle parallel testing and cross browser testing
Chennai	Amdocs	170	170_A	1. What are the implications of setting real world scenario for a load test and basic schedule for stress test in load runner 2. What kind of testing be done to book tatkal ticket at 11:00 am in load runner 3. What will you do when the client has not given throughput and response time for a new Performance Testing scenario?
Bangalore	Mphasis ltd	171	171_M	Specflow 1- how to reduce scope binding 2- why we use partial class and where we use partial class in specflow 3 what is glue file 4 how to make custom attribute for your framework 5 why we use POCO class in specflow 6 what is tagging in feature file 7 how to use external feature file in your project 8 how to create custom report in specflow with out extent report 9 what is testtrail 10 how to share data dynamically in specflow 11 dependency injection concept by constructor 12 what is base class of step context 13 give one exp of try finally flavour 14 default pooling time of explicit wait
Mumbai	Synchreon	172	172_M	"Questions: 1)What are different types of waits? 2)What is difference between implicit and explicit wait? 3)What are different object locators in selenium? 4)Which object locator is preffered? 5)what is difference between hash map and hash table? 6)What is interface? 7)OOPS Concepts 8)what is difference between interface and abstract class? 9)Exception handling 10)how to reverse the words in the string?eg: I like program language java to java language program like I 11)Using hash map,how to find no of occurences of a character in the string? 12)can main method be over loaded,can main method overided 13)which access modifiers can be used in interface? 14)access modifiers in java and its scope? 15)What is difference between scenario and scenario outline? 16)can main method be overloaded? 17)can main method be overided?
Hyderabad	Infosys	173	173_H	"1. What is the difference between Agile Scrum and KANBAN? Explain with a practical example. 2. How to click on all the links in a webpage 3. Why do we use Protractor and how is it different from Selenium? 4. Questions on Framework, explain the framework you are using in your current company."
Mumbai	LnT	174	174_M	"1.Tell me about Automation Experience, 2.What are the key features that you automated in you project? 3.What is HashMap,What is the function to add an element hash map. 4.What is ArrayList? How to add element in arraylist? 5.Difference between abstraction and interface 6.If you want to run only sanity testcases from Regression suite,how would you do that 7.How would you locate the hidden element present in webpage? 8.Program to convert first letter to uppercase in a word 9.TestNG annotation in Sequence
Mumbai	Capegemini	175	175_M	"1.Tell me your Project structure 2.If I am unable to click on a button on a webpage and it is highlighting properly using locator?what will be your approach 3.If I want to pass the parameters using testNG what will be the approach 4.Lets say I want to upload my resume just like naukri.com one windows open.How will you automate that part? 5.What are Listener and where u have used listener in your framework"

LOCATION	COMPANY	Q.NO.	ROW ID	QUESTION
Pune	Tech Mahindra	176	176_P	"Technical round 1 1.What all tools you have used for automation? 2.What is cross browser testing 3.What is cross browser testing 4.What if I want to call static variables outside package 5.How do you maintain repository 6.Suppose I have a new machine what all things are required for BDD framework? 7.What is difference between BDD and TestNG 8.Suppose my client requirement is like execution should not stop even your test cases are failed,what will be your approach 9.Suppose I have 100 scenarios and those scenrios are divided into 5 functionalities and I want to execute only 2 scenarios what will be your approach 10.How you have used Encapsulation and abstraction in your framework 11.What is method overloading and overriding 12.If I want to fetch my test data without touching my testcases 13.What is filo class 14.What is Page Object and Page factory Technical round 2 1.What are technical challenges you have faced in the automation project and how did you overcome those 2.Webdriver driver = new ChromeDriver(); Is this a valid statement justify"
Bangalore	Many	177	177_B	"Interview questions:- Java:- · stringBuffer & StringBuilder · static methods · Interface &abstract class · Encapsulation and instance where you've used it · Lambda Expression Selenium:- · different locators · Different exception encountered in selenium · Regular expression · Type of wait · How to get link count in page · Relative and Absolute xpath Framework:- · Framework main components · Annotations · Helper attribute · How to run tc from Jenkins · How to take screenshot of failed tc · Profiling in maven Domain:- · Swift payments · Mt103,mt192,mt195,mt202 · STLC"
Hyderabad	Snithik Technologies	178	178_H	How to automate OTP in Selenium code
Gurgaon	MakeMyTrip	179	179_G	"1. Why do we need to write .exe while giving the chrome driver path 2. When do you get NoSuchElement and StaleElementReference exceptions? 3. How do you check logs for an application? 4. What does -f mean in the tail -f command?"

Bangalore	ABC	180	180_B	"1)Difference between overload and overloading
				2)Can we override static method
				3)Can we overload static method
				4)Given the code I want to make it immutable How do I achieve it public class Employee
				{
				String name;
				public String id;
				private double salary;
				public Employee(String name, String id,
				double salary)
				{
				this.name = name;
				this.id = id;
				this.salary = salary;
				}
				public String getName()
				{
				return name;
				}
				public String getId()
				{
				return id;
				}
				public Double getSalary()
				{
				return salary;
				}
				}
				
				5)Can I execute multiple catch blocks without try will it give me compile time error.
				6)How to achieve serialization and de serialization ??
				7)How do we convert json response into pojo in restassured Can you write the code or explain
				8)Can we override equals method in java
				9)Sort the list in java
				10)I want to sort below employee name using key Map<Employee , Integer> map1 = new HashMap<>();
				map1.put(new Employee("Shubham",1000", 1);
				map1.put(new Employee("Rick",2000", 2);
				11)Where you have you used thread in selenium
				12)Do you know from which package or class thread.sleep() do we get
				13)Difference between hooks and tags
				14)Difference between scenario and scenario outline
				15)Suppose there are 100 feature files will there be 100 Hooks to execute??or is there any other solution
				16)How to pass the data externally to feature file or how to pass data from one feature file to another in Cucumber.
				17)Suppose while login the username and password the login button gets displayed after some time so code to write the wait in
				selenium
				18)What is expectedconditions in wait code?? Class or interface
				19)What is marker interface in java
				20)Mavan command to run test with regression test case name or tag name
				21) What is JVM why it is used
				22)What is meant by Overhiding"

Pune	Amdocs	181	181_P	"1) What is TDD & BDD 2) How can we login with different usernames using DDD & BDD 3) What is extent reports 4) 1 Example of Given & 3 Then 5) SDLC 6) What is Maven? Why we use it? API Que 1) Explain HTTP methods? 2) difference between PUT & POST? 3) When we get 200 & 400 status code? 4) How can we authenticate correct response? 5) real time example of PUT POST? Explain SDLC?, Defect/bug life? cycle,what is deferred bug? Difference between DELETE,DROP & TRUNCATE? How will you get the data from table rows ?"

LOCATION	COMPANY	Q.NO.	ROW ID	QUESTION

Mumbai	Citus Tech	182	182_C	1. Difference between Test Plan and Test Strategy.
				2. Explain Test management tool.
				3. Challenges faced in testing.
				4. Explain agile methodology.
				5. How batch execution is done.
				6. Explain Automation Framework used.
				7. Continuous integration .
				8. Different type of testing experience.
				9. Explain database testing.
				10. SQL(group by() function
				11. write random sql queries.
				12. SQL(inner join)
				13. Explain map in java
				14. O/p for below program.
				class a
				{
				int i;
				}
				class test
				{
				public static void main(String args[])
				a A=new a();
				System.out.println(A.i);
				}
				15. O/p for below program.
				class A{
				
				void msg(){System.out.println(""Hello"");}
				
				}
				
				class B{
				
				void msg(){System.out.println(""Welcome"");}
				
				}
				
				class C extends A,B
				
				Public Static void main(String args[]){
				
				C obj=new C();
				
				obj.msg();//Now which msg() method would be invoked?
				
				}
				
				}
				16. O/p for below program
				class Animal{
				
				Animal(){System.out.println(""animal is created"");}
				
				}
				
				class Dog extends Animal{
				
				Dog(){
				
				System.out.println(""dog is created"");
				
				}
				
				}
				
				class TestSuper4{
				
				public static void main(String args[]){
				
				Dog d=new Dog();
				
				}
				
				}
				
				17.automate the page and using PageObject"

Bangalore	SCB	183	198_S	1. unix command to to get 2nd row from file 2. built in interfaces in java 3. unix command to list the directory 4. how to read the application properties, name utilities used 5. how to automate the API using java 6. how o read from excel sheet 7. what is core difference between hive and oracle db 8. The left table has 100 records, right table has 50 records, if we do left join what is the outcome 9. select name from table A - select name from Table B , will this quesry work in hive ? 10.what is the use of CUT command in linux
Indore	Eworkplaceapps	184	199_E	What is the difference in UI and GUI? Explain with examples.
Hyderabad	EPAM	185	200_E	What is Desired capabilities , ChromeOptions, what is difference between them. What is string constant pool, how to run specific ste
Mumbai	IBM	186	201_I	1. Explain your framework 2. What are diff locators. 3. Types of waits. 4. What are diff exception in selenium. 5. Annotations in TESTNG 6. Testing methodologies 7. Which locators you have used
Bangalore	Accenture	187	202_A	online skills assessment to help us evaluate your profile for the skill Data Warehouse ETL Testing.
Mumbai	Live pages infotech	188	203_L	1. Write an application that reads a set of files each containing zero or more integers (each integer separated by a space), sums eac 2. Each file will be read once and summed by a separate thread, up to a maximum of 4 concurrent threads (even if there are more th 3 Finally, all the sums of each file are added together and the total is printed to standard output.
Bangalore	IQVIA	189	204_I	1.There are 250 manual test cases , how will you segregate (on what basis) the regression , sanity , smoke suite? 2.When Regression ,Sanity , smoke test scripts are executed ? 3.how will you decide that this test case is feasible or good candidate for automation ? 4. So you keep on designing test scripts when will you execute those scripts ? which is the right time to execute test scripts and wh 5.Say you have 30 + sprints in your release how will you design your test scripts and run them ? 6.How and when is Jenkins is used in your Automation? 7.Say suppose your dev team deploys the build in 5th sprint , how useful is your test scripts that is designed your earlier? 8.How efficiently you had used build management tools in your project ? state few ?

LOCATION	COMPANY	Q.NO.	ROW ID	QUESTION																							

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LOCATION	COMPANY	Q.NO.	ROW ID	QUESTION																						

| Leadership | Command | Ship | Ship Name | Operations | Ops | Weapons Ops | Sensors | Helm Ops | Navigation Ops | Medical Ops | Science | Operations Officer | Tactical Officer | Chief Engineer | Security Officer | Flight Controller | Counselor | Conn Officer - Ship in Motion | Conn Officer - Docking | Conn Officer - Docking | Conn Officer - Docking

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Sed Ut Perspiciatis	Unde Omnis Iste Natus Error Sit Voluptatem Accusantium Doloremque Laudantium Totam Rem Aperiam Eaque Ipsa Quae Ab Illo Inventore Veritatis Et Quasi Architecto Beatae Vitae Dicta Sunt Explicabo Nemo Enim Ipsam Voluptatem Quia Voluptas Sit Aspernatur Aut Odit Aut Fugit Sed Quia Consequuntur Magni Dolores Eos Qui Ratione Voluptatem Sequi Nesciunt Neque Porro Quisquam Est Qui Dolorem Ipsum Quia Dolor Sit Amet Consectetur Adipisci Velit Sed Quia Non Numquam Eius Modi Tempora Incidunt Ut Labore Et Dolore Magnam Aliquam Quaerat Voluptatem Ut Enim Ad Minima Veniam Quis Nostrum Exercitationem Ullam Corporis Suscipit Laboriosam Nisi Ut Aliquid Ex Ea Commodi Consequatur Quis Autem Vel Eum Iure Reprehenderit Qui In Ea Voluptate Velit Esse Quam Nihil Molestiae Consequatur Vel Illum Qui Dolorem Eum Fugiat Quo Voluptas Nulla Pariatur At Vero Eos Et Accusamus Et Iusto Odio Dignissimos Ducimus Qui Blanditiis Praesentium Voluptatum Deleniti Atque Corrupti Quos Dolores Et Quas Molestias Excepturi Sint Occaecati Cupiditate Non Provident Similique Sunt In Culpa Qui Officia Deserunt Mollitia Animi Id Est Laborum Et Dolorum Fuga Et Harum Quidem Rerum Facilis Est Et Expedita Distinctio Nam Libero Tempore Cum Soluta Nobis Est Eligendi Optio Cumque Nihil Impedit Quo Minus Id Quod Maxi	Placeat Facere Possimus Omnis Voluptas Assumenda Est Omnis Dolor Repellendus Temporibus Autem Quibusdam Et Aut Officiis Debitis Aut Rerum Necessitatibus Saepe Eveniet Ut Et Voluptates Repudiandae Sint Et Molestiae Non Recusandae Itaque Earum Rerum Hic Tenetur A Sapiente Delectus Ut Aut Reiciendis Voluptatibus Maiores Alias Consequatur Aut Perferendis Doloribus Asperiores Repellat	Nam Libero Tempore Soluta Nobis Est Eligendi Optio Cumque Nihil Impedit Quo Minus Id Quod Maxime Placeat Facere Possimus Omnis Voluptas Assumenda Est Omnis Dolor Repellendus Temporibus Autem Quibusdam Et Aut Officiis Debitis Aut Rerum Necessitatibus Saepe Eveniet Ut Et Voluptates Repudiandae Sint Et Molestiae Non Recusandae Itaque Earum Rerum Hic Tenetur A Sapiente Delectus Ut Aut Reiciendis Voluptatibus Maiores Alias Consequatur Aut Perferendis Doloribus Asperiores Repellat Temporibus Autem Quibusdam Et Aut Officiis Debitis Aut Rerum Necessitatibus Saepe Eveniet Ut Et Voluptates Repudiandae Sint Et Molestiae Non Recusandae Itaque Earum Rerum Hic Tenetur A Sapiente Delectus Ut Aut Reiciendis Voluptatibus Maiores Alias Consequatur Aut Perferendis Doloribus Asperiores Repellat	Nam Libero Tempore Soluta Nobis Est Eligendi Optio Cumque Nihil Impedit Quo Minus Id Quod Maxime Placeat Facere Possimus Omnis Voluptas Assumenda Est Omnis Dolor Repellendus

Leadership	Command	Control	Interface
Agreement	Communication	Control	Interface

Lorem ipsum	Lorem ipsum	Lorem ipsum	Lorem ipsum	Lorem ipsum	Lorem ipsum	Lorem ipsum	Lorem ipsum	Lorem ipsum	Lorem ipsum	Lorem ipsum	Lorem ipsum	Lorem ipsum	Lorem ipsum	Lorem ipsum	Lorem ipsum	Lorem ipsum	Lorem ipsum	Lorem ipsum	Lorem ipsum	Lorem ipsum	Lorem ipsum	Lorem ipsum	Lorem ipsum	Lorem ipsum	Lorem ipsum	Lorem ipsum
Lorem ipsum	Lorem ipsum	Lorem ipsum	Lorem ipsum	Lorem ipsum	Lorem ipsum	Lorem ipsum	Lorem ipsum	Lorem ipsum	Lorem ipsum	Lorem ipsum	Lorem ipsum	Lorem ipsum	Lorem ipsum	Lorem ipsum	Lorem ipsum	Lorem ipsum	Lorem ipsum	Lorem ipsum	Lorem ipsum	Lorem ipsum	Lorem ipsum	Lorem ipsum	Lorem ipsum	Lorem ipsum	Lorem ipsum	Lorem ipsum
Lorem ipsum	Lorem ipsum	Lorem ipsum	Lorem ipsum	Lorem ipsum	Lorem ipsum	Lorem ipsum	Lorem ipsum	Lorem ipsum	Lorem ipsum	Lorem ipsum	Lorem ipsum	Lorem ipsum	Lorem ipsum	Lorem ipsum	Lorem ipsum	Lorem ipsum	Lorem ipsum	Lorem ipsum	Lorem ipsum	Lorem ipsum	Lorem ipsum	Lorem ipsum	Lorem ipsum	Lorem ipsum	Lorem ipsum	Lorem ipsum
Lorem ipsum	Lorem ipsum	Lorem ipsum	Lorem ipsum	Lorem ipsum	Lorem ipsum	Lorem ipsum	Lorem ipsum	Lorem ipsum	Lorem ipsum	Lorem ipsum	Lorem ipsum	Lorem ipsum	Lorem ipsum	Lorem ipsum	Lorem ipsum	Lorem ipsum	Lorem ipsum	Lorem ipsum	Lorem ipsum	Lorem ipsum	Lorem ipsum	Lorem ipsum	Lorem ipsum	Lorem ipsum	Lorem ipsum	Lorem ipsum
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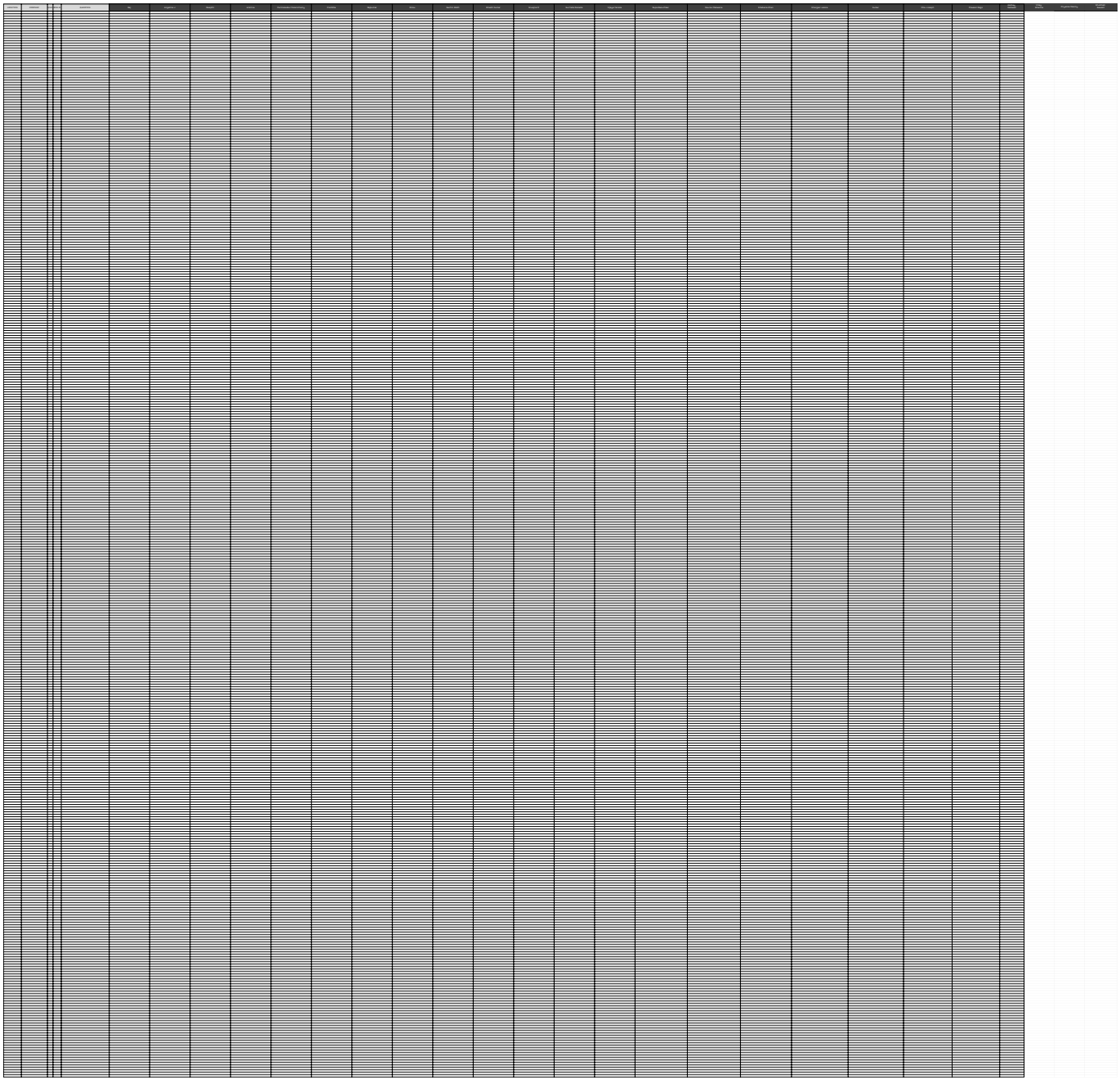
Lorem ipsum dolor	sit amet, consectetur	1	2	3	Lorem ipsum dolor sit amet, consectetur adipiscing elit. Sed do eiusmod tempor incididunt ut labore et dolore magna aliqua. Ut enim ad minim veniam, quis nostrud exercitation ullamco laboris nisi ut aliquip ex ea commodo consequat. Duis aute irure dolor in reprehenderit in voluptate velit esse cillum dolore eu fugiat nulla pariatur. Excepteur sint occaecat cupidatat non proident, sunt in culpa qui officia deserunt mollit anim id est laborum. Sed ut perspiciatis unde omnis iste natus error sit voluptatem accusantium doloremque laudantium, totam rem aperiam, eaque ipsa quae ab illo inventore veritatis et quasi architecto beatae vitae dicta sunt explicabo. Nemo enim ipsam voluptatem quia voluptas sit aspernatur aut odit aut fugit, sed quia consequuntur magni dolores eos qui ratione voluptatem sequi nesciunt. Neque porro quisquam est, qui dolorem ipsum quia dolor sit amet, consectetur, adipisci velit, sed quia non numquam eius modi tempora incidunt ut labore et dolore magnam aliquam quaerat voluptatem. Ut enim ad minima veniam, quis nostrum exercitationem ullam corporis suscipit laboriosam, nisi ut aliquid ex ea commodi consequatur? Quis autem vel eum iure reprehenderit qui in ea voluptate velit esse quam nihil molestiae consequatur, vel illum qui dolorem eum fugiat quo voluptas nulla pariatur? At vero eos et accusamus et iusto odio dignissimos ducimus qui blanditiis praesentium voluptatum deleniti atque corrupti quos dolores et quas molestias excepturi sint occaecati cupiditate non provident, similique sunt in culpa qui officia deserunt mollitia animi, id est laborum et dolorum fuga. Et harum quidem rerum facilis est et expedita distinctio. Nam libero tempore, cum soluta nobis est eligendi optio cumque nihil impedit quo minus id quod maxime placeat facere possimus, omnis voluptas assumenda est, omnis dolor repellendus. Temporibus autem quibusdam et aut officiis debitis aut rerum necessitatibus saepe eveniet ut et voluptates repudiandae sint et molestiae non recusandae. Itaque earum rerum hic tenetur a sapiente delectus, ut aut reiciendis voluptatibus maiores alias consequatur aut perferendis doloribus asperiores repellat.		

Leadership	Command	Ship Name	Destination	Ftu	Kingdom C...	Dispatch	Fleet Co...	Fleet Member Ships Lost	Fleet Ma...	Ships	Speed / Spin	Weapon Types	Personnel	Recruited Species	Officer Ranks	Ship Class	Kingdom Leaders	Family	Ship Colours	Weapon Flags	Starting Ships	Ship Flags	Ship Name Meaning	Ship Name Origin
Lead	Commander	Ship	Destination	Ftu	Kingdom C...	Dispatch	Fleet Co...	Fleet Member Ships Lost	Fleet Ma...	Ships	Speed / Spin	Weapon Types	Personnel	Recruited Species	Officer Ranks	Ship Class	Kingdom Leaders	Family	Ship Colours	Weapon Flags	Starting Ships	Ship Flags	Ship Name Meaning	Ship Name Origin
Friendly	Ally Group	Ship	Destination	Ftu	Kingdom C...	Dispatch	Fleet Co...	Fleet Member Ships Lost	Fleet Ma...	Ships	Speed / Spin	Weapon Types	Personnel	Recruited Species	Officer Ranks	Ship Class	Kingdom Leaders	Family	Ship Colours	Weapon Flags	Starting Ships	Ship Flags	Ship Name Meaning	Ship Name Origin
Lead Ship	Ship Flag	Ship	Destination	Ftu	Kingdom C...	Dispatch	Fleet Co...	Fleet Member Ships Lost	Fleet Ma...	Ships	Speed / Spin	Weapon Types	Personnel	Recruited Species	Officer Ranks	Ship Class	Kingdom Leaders	Family	Ship Colours	Weapon Flags	Starting Ships	Ship Flags	Ship Name Meaning	Ship Name Origin
Lead Ship	Ship Flag	Ship	Destination	Ftu	Kingdom C...	Dispatch	Fleet Co...	Fleet Member Ships Lost	Fleet Ma...	Ships	Speed / Spin	Weapon Types	Personnel	Recruited Species	Officer Ranks	Ship Class	Kingdom Leaders	Family	Ship Colours	Weapon Flags	Starting Ships	Ship Flags	Ship Name Meaning	Ship Name Origin
Lead Ship	Ship Flag	Ship	Destination	Ftu	Kingdom C...	Dispatch	Fleet Co...	Fleet Member Ships Lost	Fleet Ma...	Ships	Speed / Spin	Weapon Types	Personnel	Recruited Species	Officer Ranks	Ship Class	Kingdom Leaders	Family	Ship Colours	Weapon Flags	Starting Ships	Ship Flags	Ship Name Meaning	Ship Name Origin
Lead Ship	Ship Flag	Ship	Destination	Ftu	Kingdom C...	Dispatch	Fleet Co...	Fleet Member Ships Lost	Fleet Ma...	Ships	Speed / Spin	Weapon Types	Personnel	Recruited Species	Officer Ranks	Ship Class	Kingdom Leaders	Family	Ship Colours	Weapon Flags	Starting Ships	Ship Flags	Ship Name Meaning	Ship Name Origin

Leadership	Command	Rank	Activities	Yes	Angelica Y.	Deepak	Fatima	Hans Martin Christoffersen	Isabella	Maya Lal	Mia	Simon Jäger	Stefan Hahn	Thomas R.	Ursula Bauer	Viktor Ivanov	Wang Xiulan	Xavier Dubois	Yara Al-Mansoori	Zakaria Diallo	Zuhayr Jaafar	Emily	Hao Linwei	Ibrahim Diop	Jiang Yuting	Kaito Nakamura	Priyanka Verma	Rajesh Kumar
Guardian	Thrall	60	Fishing, Crafting, Trading, Exploring, Mining, Hunting, Building, Cooking, Farming, Socializing, Gathering, Singing, Dancing, Painting, Writing, Reading, Meditating, Yoga, Running, Swimming, Cycling, Hiking, Camping, Gardening, Woodworking, Blacksmithing, Leatherworking, Tailoring, Alchemy, Enchanting, Archery, Fencing, Martial Arts, Horseback Riding, Sailing, Piloting, Navigation, Astronomy, Geology, Botany, Zoology, Ecology, Conservation, Preservation, Restoration, Archaeology, Paleontology, Anthropology, Sociology, Psychology, Philosophy, Theology, Mythology, Folklore, Literature, Poetry, Drama, Comedy, Tragedy, Satire, Parody, Fantasy, Science Fiction, Horror, Mystery, Thriller, Romance, Adventure, Historical Fiction, Non-Fiction, Biography, Autobiography, Memoir, Essay, Journalism, Blogging, Vlogging, Podcasting, Broadcasting, Filmmaking, Photography, Videography, Animation, Graphic Design, Illustration, Typography, Calligraphy, Printmaking, Sculpting, Pottery, Ceramics, Glassblowing, Jewelry Making, Metalworking, Woodworking, Leatherworking, Textile Arts, Fashion Design, Interior Design, Architecture, Urban Planning, Landscape Architecture, Civil Engineering, Mechanical Engineering, Electrical Engineering, Chemical Engineering, Aerospace Engineering, Biomedical Engineering, Environmental Engineering, Software Engineering, Computer Science, Information Technology, Cybersecurity, Data Science, Artificial Intelligence, Machine Learning, Robotics, Automation, Internet of Things, Blockchain, Cryptocurrency, Virtual Reality, Augmented Reality, Mixed Reality, Gaming, Esports, Streaming, Content Creation, Digital Marketing, Social Media Management, Search Engine Optimization, Web Development, Mobile App Development, Desktop Application Development, Database Management, Cloud Computing, DevOps, Quality Assurance, Testing, Debugging, Troubleshooting, Technical Support, Customer Service, Sales, Marketing, Advertising, Public Relations, Event Planning, Project Management, Human Resources, Recruitment, Training, Development, Leadership, Management, Entrepreneurship, Innovation, Strategy, Operations, Finance, Accounting, Auditing, Taxation, Investment, Banking, Insurance, Real Estate, Law, Legal Research, Contract Negotiation, Intellectual Property, Patent Law, Trademark Law, Copyright Law, Litigation, Arbitration, Mediation, Negotiation, Diplomacy, International Relations, Political Science, Government, Public Administration, Policy Analysis, Economics, Macroeconomics, Microeconomics, Econometrics, Statistics, Mathematics, Physics, Chemistry, Biology, Medicine, Nursing, Pharmacy, Dentistry, Veterinary Medicine, Public Health, Epidemiology, Nutrition, Fitness, Sports Medicine, Physical Therapy, Occupational Therapy, Speech Therapy, Psychology, Counseling, Social Work, Education, Teaching, Curriculum Development, Instructional Design, Educational Technology, Library Science, Information Science, Archival Science, Museum Studies, Art History, Music Theory, Composition, Performance, Conducting, Dance, Choreography, Theater, Acting, Directing, Playwriting, Screenwriting, Film Studies, Media Studies, Communication Studies, Journalism, Broadcasting, Public Speaking, Debate, Rhetoric, Linguistics, Foreign Languages, Translation, Interpretation, Cultural Studies, Anthropology, Sociology, Psychology, Philosophy, Theology, Religious Studies



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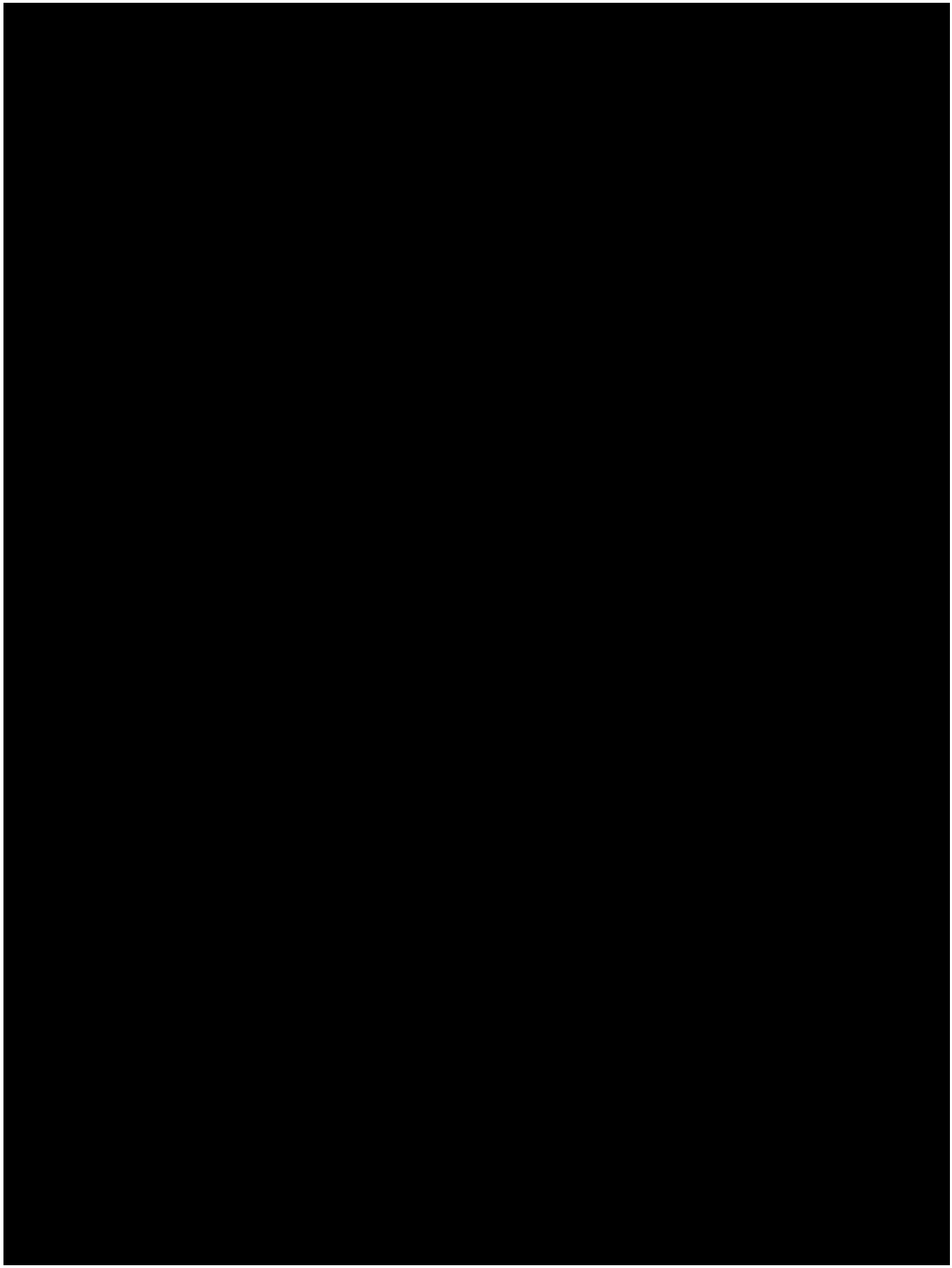
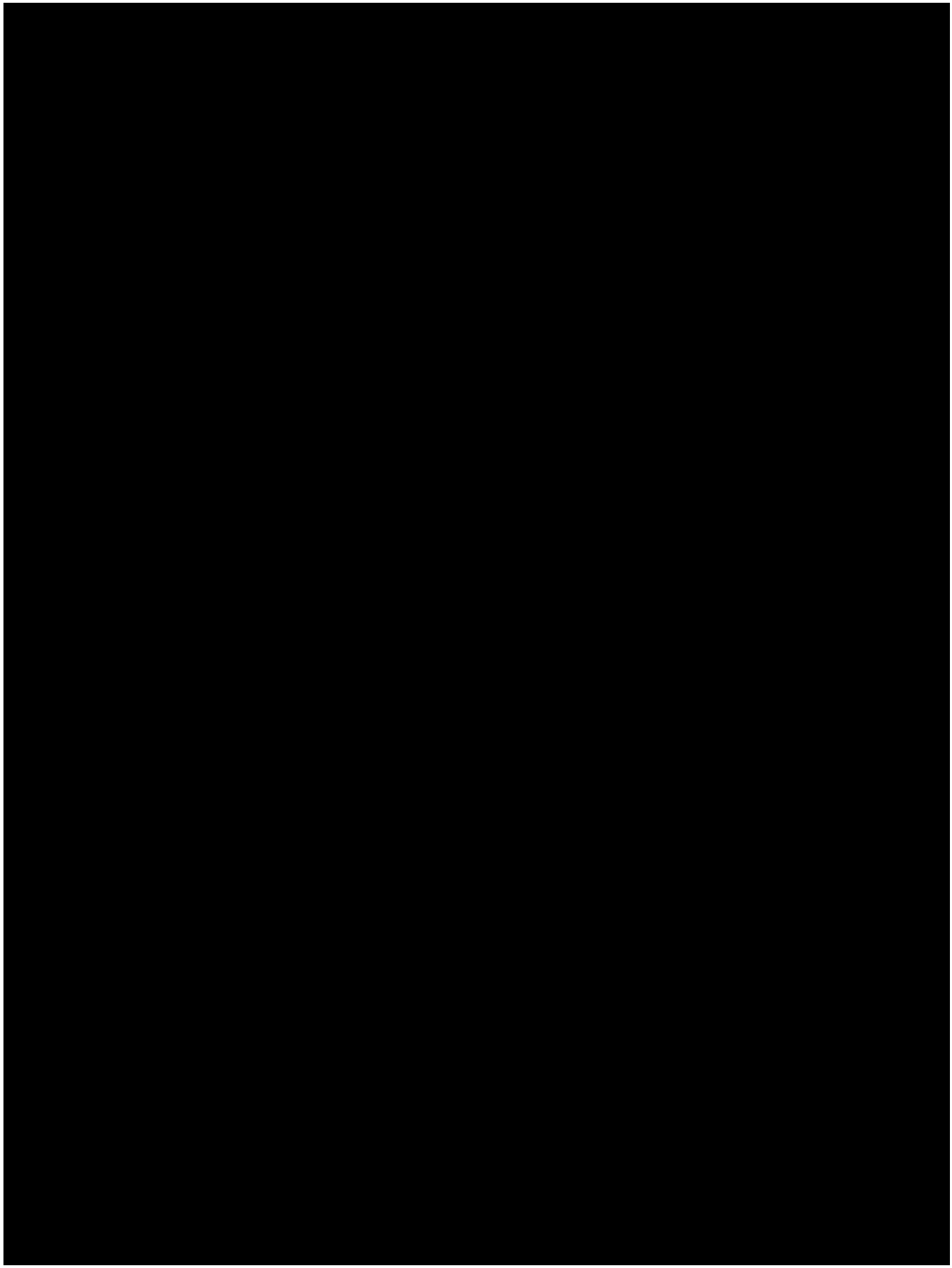
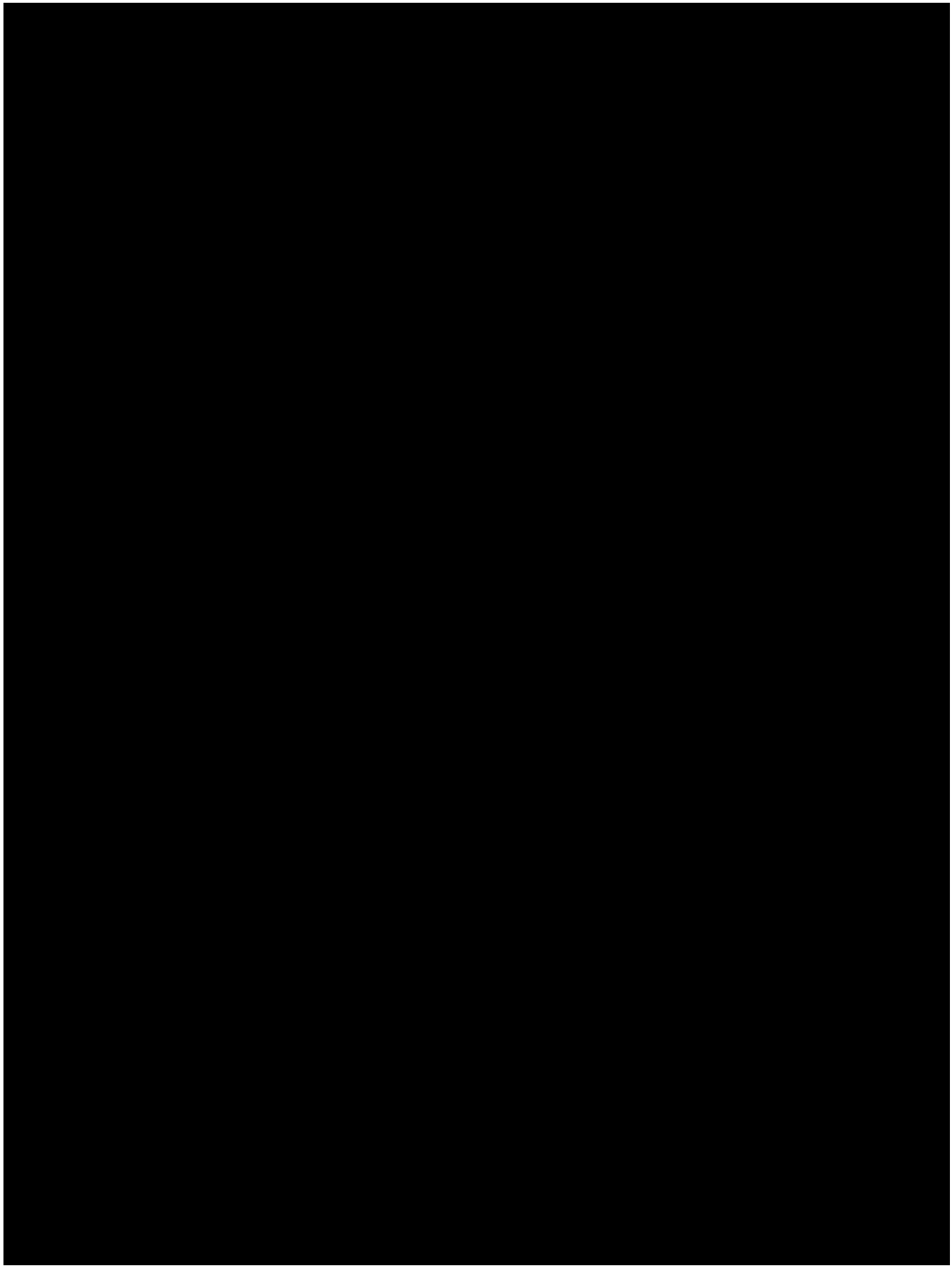
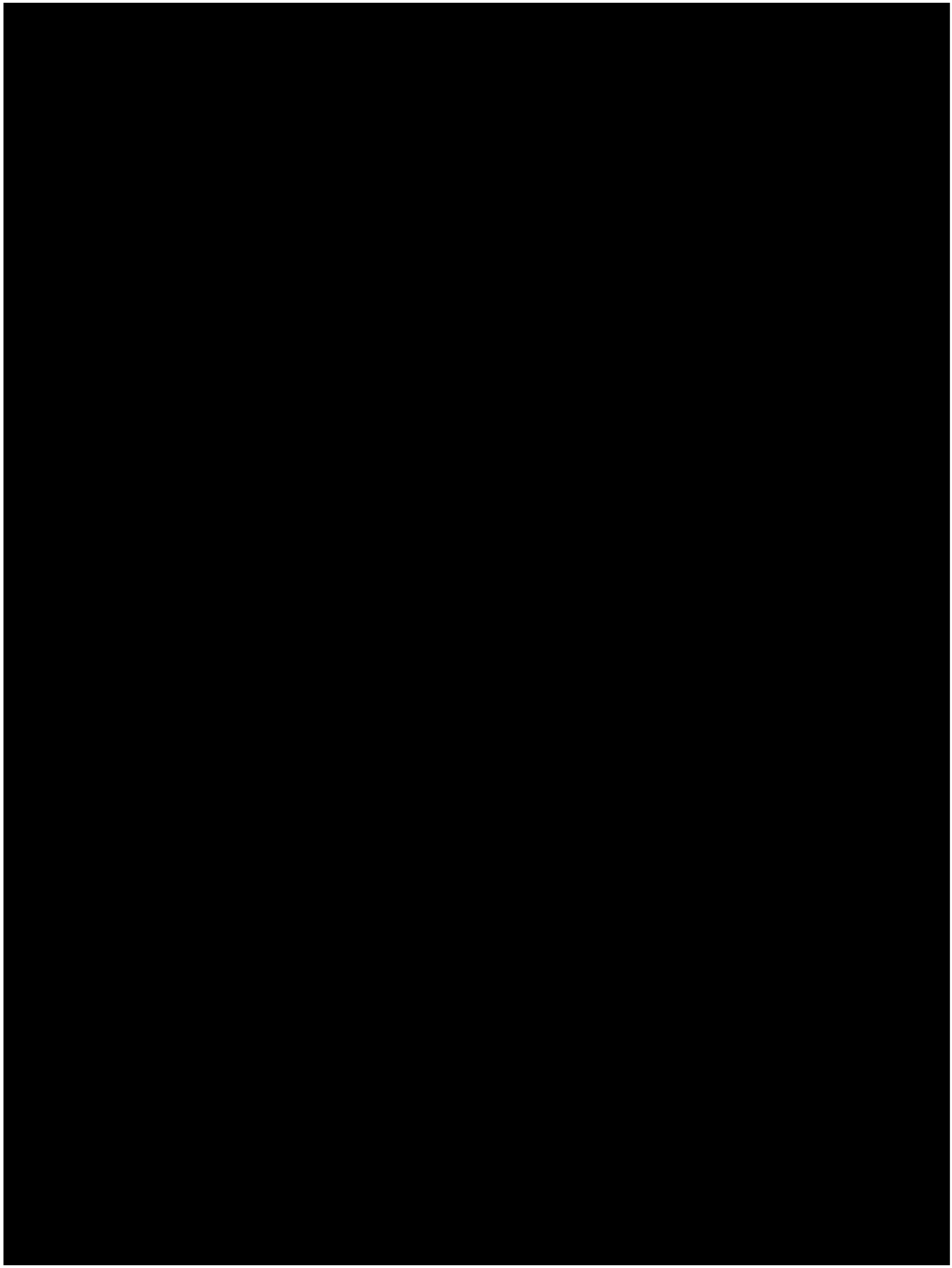






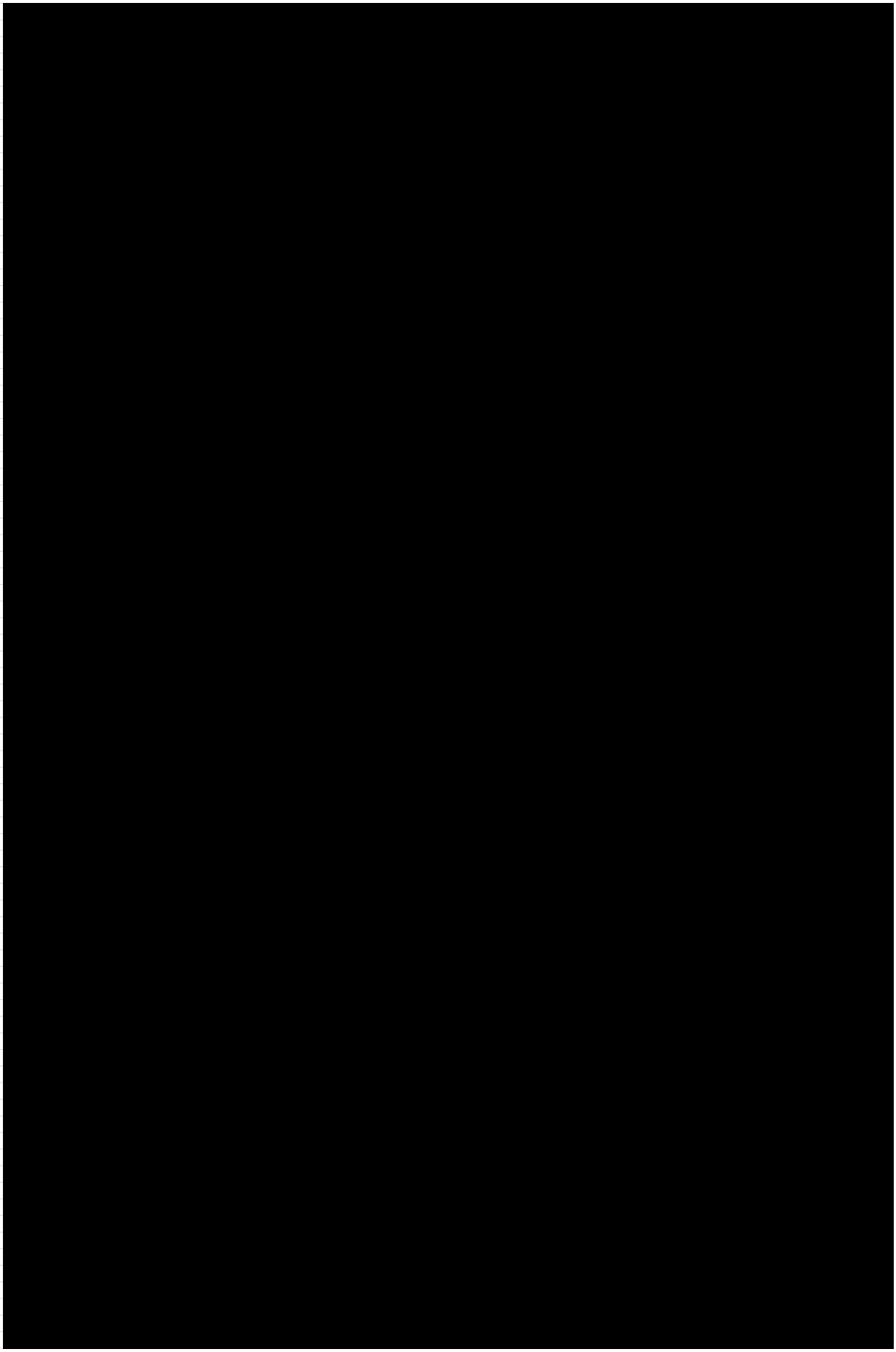


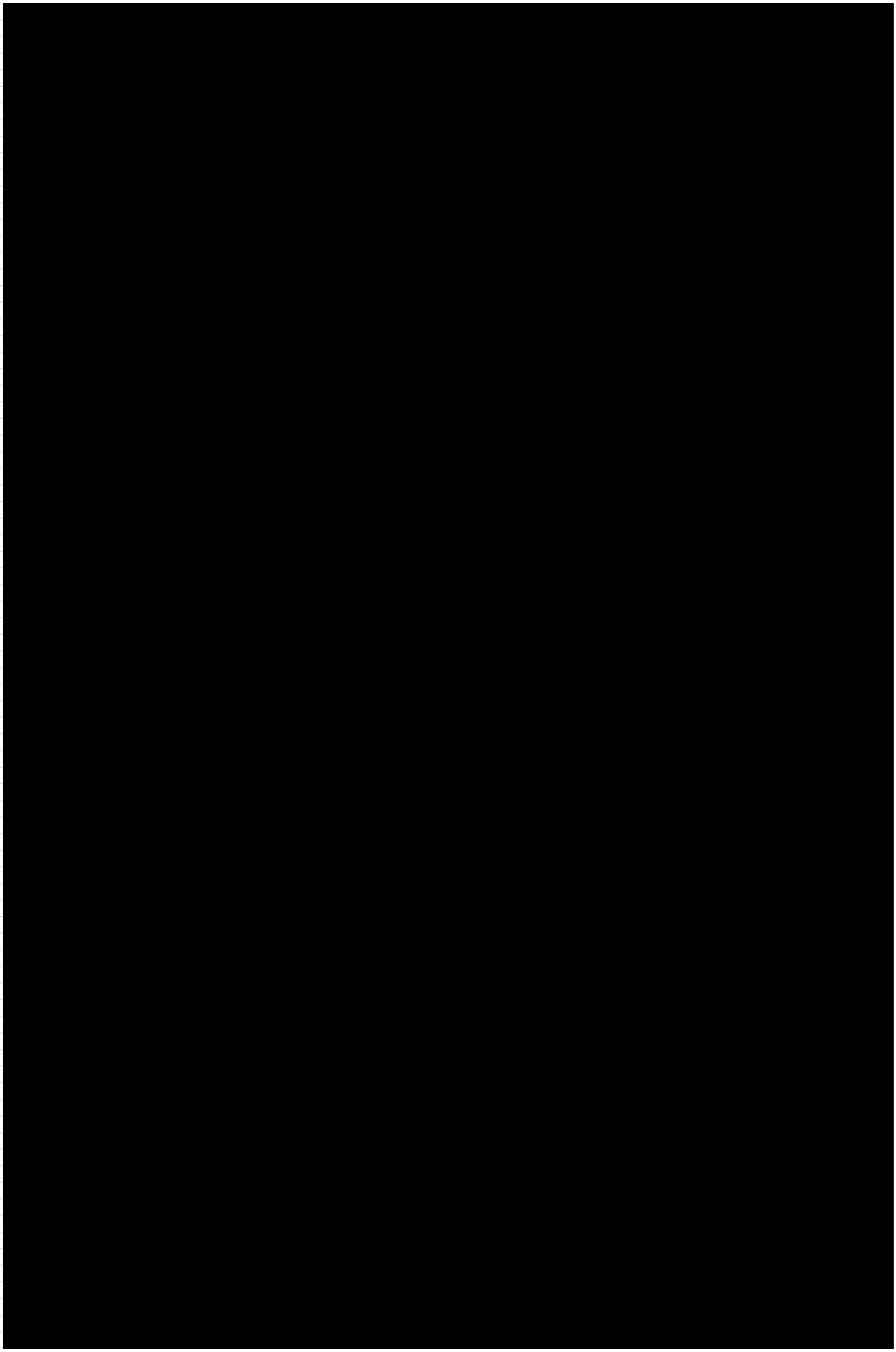
Exercise#	Problem set
Coding Exercise-01	1: Print HELLO for the given string "AHCECLWLXO"
	2: Print HELLO in CAPITAL letters for the given string "ahceclwlxo"
Coding Exercise-02	1: Print all the numbers between -15 to 10.
	2: Ask user to enter a number and then print the multiplication table of the input number.
Coding Exercise-03	1: Print "Hello Programming" and then print "I don't like you" and then print "But I have to "LEARN", I am ready"
	2: Ask user to input a number and then print the number.
	3:Ask user to enter the starting number and ending number and Print all the prime numbers between starting and ending number.
	4: Ask user to enter a number and then print the factorial of the input number. example if user input 5, then print "factorial of 5 is = 120" i.e. 5*4*3*2*1
Coding Exercise-04	1: what should be the output of following code
	A: var i=1; while (i<=10){console.log(i);i +=2;}
	B: var i=100;while (i<150){console.log(i+1);i--;}
	2: Given array ["A","B","C","D","E","F","G"]
	A: Add item "NOW I KNOW MY ABCs" at the end. Output should be ["A","B","C","D","E","F","G","NOW I KNOW MY ABCs"]
	B: Add item "123456" at the beginning. Output should be["123456","A","B","C","D","E","F","G","NOW I KNOW MY ABCs"]
	C: Remove ["D","E","F","G"] from the array; Output should be ["123456","A","B","C","NOW I KNOW MY ABCs"]
	D: Remove ["123456"] from the array; Output should be ["A","B","C","NOW I KNOW MY ABCs"]
	NOTE : Make sure the original array ["A","B","C","D","E","F","G"]should be intact and not modified. you can create any no. of new arrays.
Coding Exercise-05	1: Write a SQL query that will return the maximum value from the "Numbers" column, without using a SQL aggregate like MAX or MIN.
	Numbers
	30
	70
	-8
	90
	2: Generate a random number between 1 and 9 (including 1 and 9). Ask the user to guess the number, then tell them whether they guessed too low, too high, or exactly right
	Exp: If random no is 6 and user input 5 (print "Low"), if user enter 8 (print High), if user input 6 then print ('Right Guess').
Coding Exercise-06	Ask the user to input a character and check whether it is an alphabet or not, then display the output on the screen. If input character is an Alphabets, print "AN ALPHABET! I can read your mind" and if its a number print "A NUMBER! I can read your mind".
Coding Exercise-07	1: Ask user to input starting day and the number of days in a month. Find the number of times every day occurs in that month.
	Ex: Input : Number of days in month = 30 , First day = Tuesday
	Output : Monday=4, Tuesday=5, Wednesday=5, Thursday=4, Friday=4, Saturday=4, Sunday=4;
	2: What's wrong in the following query?
	SELECT subject_code, AVG (marks)
	FROM students
	WHERE AVG(marks) > 75
	GROUP BY subject_code;
	3: If a client connects to a web service, how do we identify the user?
	4: What HTTP Status Code 409 states in web-service, explain with example.
	5: An apple costs 40 cents, a banana costs 60 cents, and a grapefruit costs 80 cents. How much does a pear cost?
	6: Why are manhole covers round and not square?
	7: Is it better to be perfect and late, or good and on time?
	8: Describe a bad experience you had working with your ex-employer
Coding Exercise-08	1: Ask user to input single string and Reverse every word in a string and print. ex: Input : "Hello", Output : "olleH".
	2: Ask user to input the electricity consumption and calculate the amount based on below parameters...
	1 to 100 units – Rs. 10/unit
	100 to 200 units – Rs. 15/unit
	200 to 300 units – Rs. 20/unit
	above 300 units – Rs. 25/unit
	Examples 1:
	Input: U = 250
	Output: 3500
	Explanation:
	Charge for the first 100 units – 10*100 = 1000
	Charge for the 100 to 200 units – 15*100 = 1500
	Charge for the 200 to 250 units – 20*50 = 1000
	Total Electricity Bill = 1000 + 1500 + 1000 = 3500
	Examples 2:
	Input: U = 95
	Output: 950
	Explanation:
	Charge for the first 100 units – 10*95 = 950
	Total Electricity Bill = 950
Coding Exercise-09	You are driving a little too fast, and a police officer stops you. Write code to compute the result.
	0=no ticket,
	1=small ticket,
	2=big ticket.
	- If speed is 60 or less, the result is 0.
	- If speed is between 61 and 80 inclusive, the result is 1.
	- If speed is 81 or more, the result is 2.
	Special note : If it is your birthday -- on that day, your speed can be 5 higher in all cases.
Coding Exercise-10	Ask user to enter two number (int) a and b, return true if a:) either one is 6 b:) Or if their sum is 6 c:) or difference is 6.
	Ex condition [a:] (6,10), (5,6), (9,6) - True
	Ex condition [b:] (1,5), (3,3), (-4,10) - True
	Ex condition [c:] (90,84), (18,12), (-14,20) - True
	#ERROR!
	Given two strings,
	a: First string has a fixed length of 4, such as "[]]"
	b: Second string is a word and can be of any length, such as "Yay", OR "WooHoo" OR "Word"

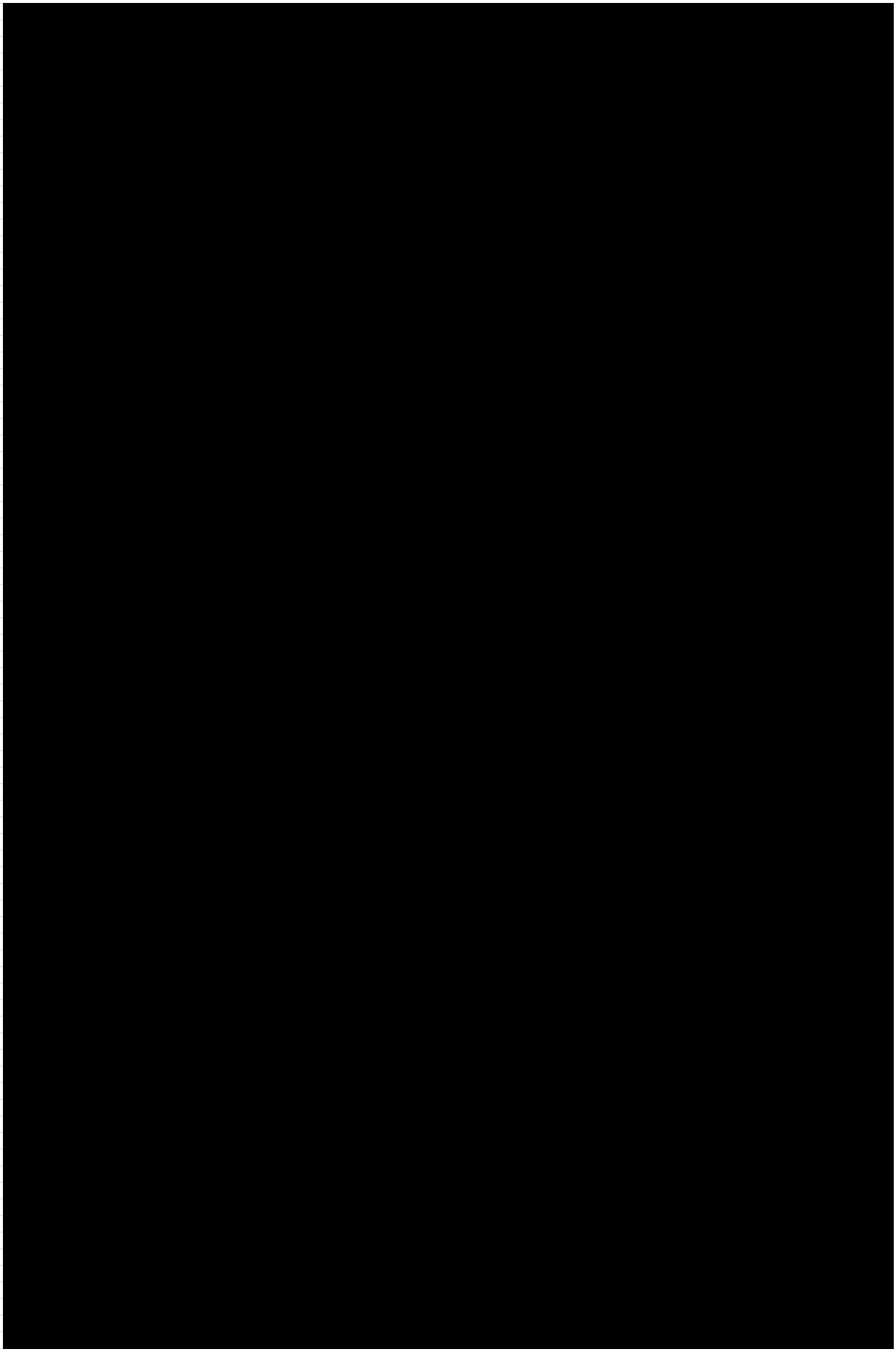
	Write a program to return a new string where the second string is in the middle of the first string.
	Ex1: ("<<>>", "Yay") → "<<Yay>>"
	Ex2: ("<<>>", "WooHoo") → "<<WooHoo>>"
	Ex3: ("[[]]", "word") → "[[word]]"
Coding Exercise-11	Given a non-empty string and an int n, return a new string where the char at index n has been removed.
	Note : The value of n will be a valid index of a char in the original string (i.e. n will be in the range 0..str.length()-1 inclusive).
	Ex : Input ("TESTER", 0) → Output "ESTER"
	Ex : Input ("TESTER", 2) → "TETER"
	Ex : Input ("TESTER", 5) → "TESTE"
Coding Exercise-12	Given a string of even length, return the first half. So the string "WooHoo" yields "Woo".
	Ex : ("WooHoo") → "Woo"
	Ex : ("HelloThere") → "Hello"
	Ex : ("abcdef") → "abc"
	Given 2 strings, return their concatenation, except omit the first char of each. The strings will be at least length 1.
	Ex : ("Hello", "There") → "ellohere"
	Ex : ("java", "code") → "avaode"
	Ex : ("shotl", "java") → "hotlava"
Coding Exercise-13	Two inputs i.e. (string, boolean value). Ask user to input string and check If boolean value set to TRUE, return a string length 1 from its beginning,
	if its set to FALSE, return a string length 1 from its end.
	Note : The string will be non-empty.
	Ex1:("Hello", true) → "H"
	Ex2:("Hello", false) → "o"
	Ex3:("oh", true) → "o
	Given a string, count the number of words ending in 'y' or 'z' --
	Examples
	string "heavy" → Output 1 : As it has 1 y at end, so output should be 1.
	string "Yellow"→ Output 0 : As it has 1 y but its not at the end, its at the beginning, so output should be 0.
	string "fez"→ Output 1 : As it has 1 z at end, so output should be 1.
	string "fez day"→ Output 2 : As it has 1 z and 1 y at the end, so output should be 2.
	string "day fez"→ Output 2 : As it has 1 z and 1 y at the end, so output should be 2.
	string "day fyyyz"→ Output 2 : As it has 1 z and 1 y at the end, so output should be 2.
	string "sunday"→ Output 1 : As it has 1 y at the end, so output should be 1.
	string "zero"→ Output 0 : As it has 1 z but its not at the end, its at the beginning, so output should be 0
Coding Exercise-14	Ask user to input a string of odd length, return the string length 3 from its middle. The string length will be at least 3.
	Ex1:("Candy") → "and"
	Ex2:("and") → "and"
	Ex3:("solving") → "lvi"
	Ex4:("Happy") → "app"
	Given 2 strings, a and b, return a new string made of the first char of a and the last char of b.
	If either string is length 0, use '@' for its missing char.
	Ex1:("last", "chars") → "ls"
	Ex2:("yo", "java") → "ya"
	Ex3:("hi", "") → "h@"
Coding Exercise-15	Ask user to input a string, return a new string made of 3 copies of the first 2 chars of the original string. The string may be any length. If there are fewer than 2 chars, use whatever is there. Ex1: ("Hello") → "HeHeHe" Ex2:("ab") → "ababab" Ex3:("H") → "HHH"
	Given two strings, a and b, return the result of putting them together in the order abba Ex1:("Hi", "Bye") → "HiByeByeHi" Ex2:("Yo", "Alice") → "YoAliceAliceYo" Ex3:("What", "Up") → "WhatUpUpWhat"
Coding Exercise-16	Ask user to input a string and an int n, return a string made of the first and last n chars from the string. The string length will be at least n. Ex1:("Hello", 2) → "Helo" Ex2:("Chocolate", 3) → "Choate" Ex3:("Chocolate", 1) → "Ce" Ex4:("Hello", 1) → "Ho"
	Given a string, return true if "bad" appears starting at index 0 or 1 in the string, The string may be any length, including 0. Ex1:("badxx") → true Ex2:("xbadxx") → true Ex3:("xxbadxx") → false
Coding Exercise-17	Ask user to input a string, return a new string where for every char in the original, there are two chars. Ex1: ("The") → "TThhee" Ex2: ("AAbb") → "AAAAbbbb" Ex3: ("Hi-There") → "HHii--TThheerree"
	Return the number of times that the string "code" appears anywhere in the given string Ex1: ("aaacodebbb") → 1 Ex2: ("codexxcode") → 2 Ex3: ("codexxcodexxcode") → 3
Coding Exercise-18	For the given below strings, Return true if the string "cat" and "dog" appear the same number of times. Ex1: ("catdog") → true Ex2:("catcat") → false Ex3:("1cat1cadodog") → true Ex4:("catnotdog") → true

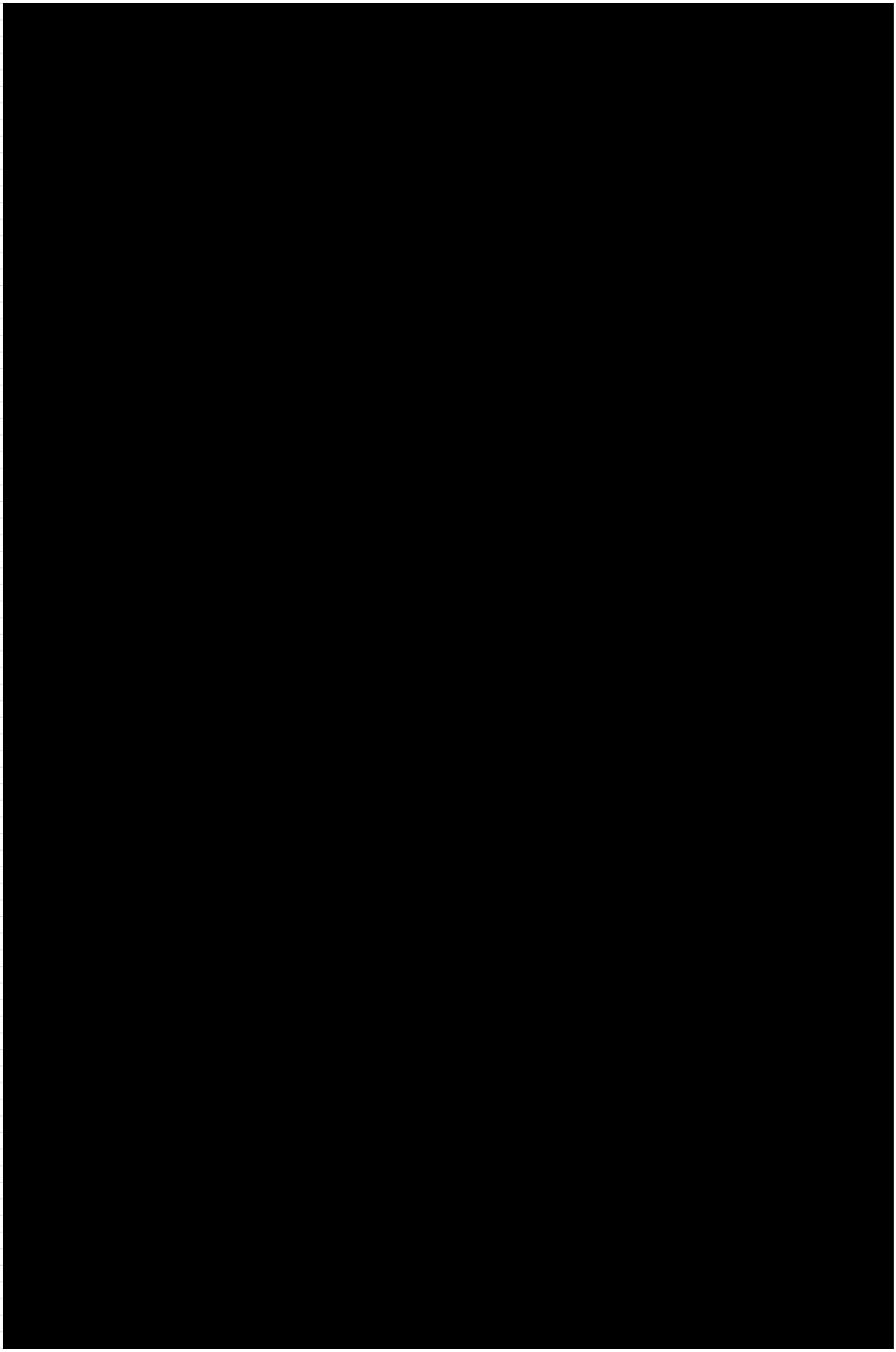
Coding Exercise-19	Given a string, compute a new string by moving the first char to come after the next two chars. Repeat this process for each subsequent group of 3 chars.Ignore any group of fewer than 3 chars at the end. Ex1: ("abc") → "bca" Ex2: ("tca") → "cat" Ex3: ("tcagdo") → "catdog" Ex3: ("abcdef") → "bcaefd"
Coding Exercise-20	Return the sum of the numbers in the array, a: Return 0 for an empty array. b: Number 13 is very unlucky, so it does not count and numbers that come immediately after a 13 also do not count. Ex1: [1, 2, 2, 1] → 6 Ex2: [1, 1] → 2 Ex3: [1, 2, 2, 1, 13] → 6 Ex4: [1, 5, 13, 5] → 6 Ex5: [1, 5, 13, 13, 5] → 6 Ex6: [13, 2, 5, 8, 13, 4] → 13 Ex7: [1,2,2,1,13,13,5] → 6
Coding Exercise-21	Given a number n, create and return a new int array of length n, containing the numbers 0, 1, 2, ... n-1. The given n may be 0, in which case just return a length 0 array. Ex1:(4) → [0, 1, 2, 3] Ex2:(1) → [0] Ex3:(10) → [0, 1, 2, 3, 4, 5, 6, 7, 8, 9] Ex4:(0) → [0]
Coding Exercise-22	Given an array of integers, return true if the array contains either 3 even or 3 odd values. The odd or even values must be occurring in a sequence i.e. next to each other. Ex1:[2, 1, 3, 5] → true Ex2:[2, 4, 2, 5] → true Ex3:[5, 7, 9, 1] → true Ex4:[2, 4, 2, 2] → true Ex5:[1, 4, 2, 3] → false Ex6:[2, 1, 2, 5] → false Ex7:[2, 1, 3, 4, 1, 7, 6] → false Ex8:[2, 1, 3, 4, 2, 6, 9] → true
Coding Exercise-23	Return an array that is "left shifted" by one. You may modify and return the given array, or return a new array. Ex1:[6, 2, 5, 3] → [2, 5, 3, 6] Ex2:[9, 8, 7, 6, 5] → [8, 7, 6, 5, 9] Ex3:[1, 2] → [2, 1] Ex4:[1] → [1]
Coding Exercise-24	Ask user to input length of an array, for example start=1 and end=5 1: Construct an array of 4 elements i.e. 1,2,3,4 2: Return a new String[] array as stated above, except a: for multiples of 3, use "JUMP" instead of the number 3, b: for multiples of 5 "RUN", c: for multiples of both 3 and 5 use "HOP". Ex1: (1, 2) → ["1"] Ex2: (1, 3) → ["1", "2"] Ex3: (1, 4) → ["1", "2", "JUMP"] Ex4: (1, 5) → ["1", "2", "JUMP", "4"] Ex5: (1, 6) → ["1", "2", "JUMP", "4", "RUN"] Ex6: (1, 8) → ["1", "2", "JUMP", "4", "RUN", "JUMP", "7"] Ex7: (1, 11) → ["1", "2", "JUMP", "4", "RUN", "JUMP", "7", "8", "JUMP", "RUN"] Ex8: (1, 16) → ["1", "2", "JUMP", "4", "RUN", "JUMP", "7", "8", "JUMP", "RUN", "11", "JUMP", "13" , "14", "HOP"]
Coding Exercise-25	Given an array length 1 or more of ints, return the difference between the largest and smallest values in the array. Ex1: [10, 3, 5, 6] → 7 Ex2: [7, 2, 10, 9] → 8 Ex3: [2, 10, 7, 2] → 8
Coding Exercise-26	Return the sum of the numbers in the array, except ignore sections of numbers starting with a 6 and extending to the next 7 (every 6 will be followed by at least one 7). Return 0 for no numbers. Ex1: [1, 2, 2] → 5 Ex2: [1, 2, 2, 6, 7] → 5 Ex3: [1, 1, 6, 7, 2] → 4
Coding Exercise-27	Given an array of ints, return true if every element is a 1 or a 4. Ex1:only14([1, 4, 1, 4]) → true Ex2:only14([1, 4, 2, 4]) → false Ex3:only14([1, 1]) → true
Coding Exercise-28	Given an array of ints, return true if the array contains two 7's next to each other, or there are two 7's separated by one element. Ex1: [1, 7, 7] → true Ex1: [1, 7, 1, 7] → true Ex1: [1, 7, 1, 1, 7] → false Ex1: [7, 7, 1, 1, 7] → true Ex1: [9, 0, 5, 1, 7] → false Ex1: [7, 7, 7, 7, 7] → true
Coding Exercise-29	Return true if the array contains three increasing adjacent numbers like. Ex1: [1, 2, 3] → true Ex2: [6, 7, 8] → true Ex3: [15, 16, 17] → true Ex4: [1, 4, 5, 6, 2] → true Ex5: [1, 2, 4] → false Ex6: [1, 5, 6, 8] → false Ex7: [18, 15, 4] → false

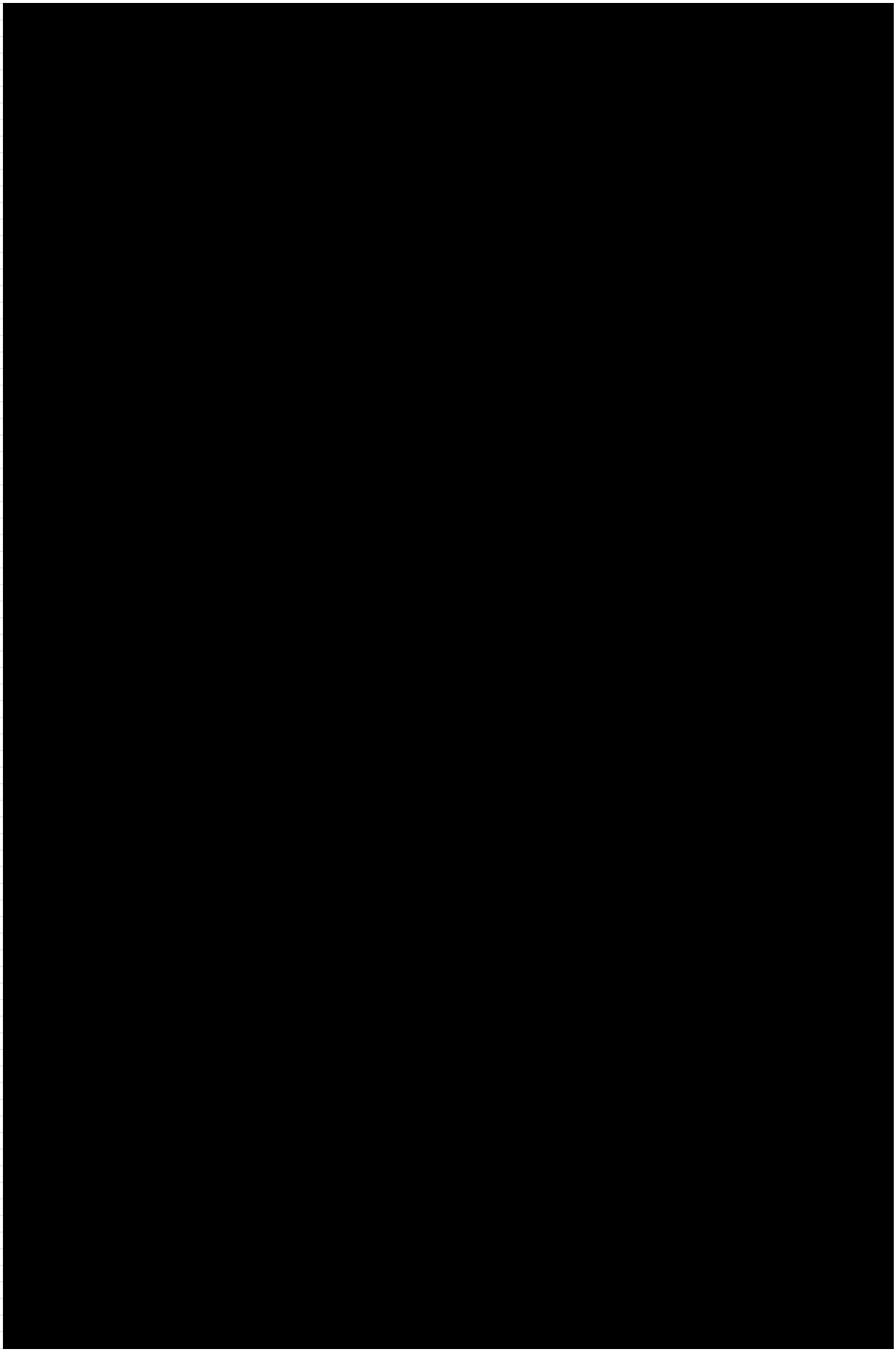
Coding Exercise-30	Return an array where each zero value in the array is replaced by the largest odd value to the right of the zero in the array. If there is no odd value to the right of the zero, leave the zero as a zero. Ex1: [0, 5, 0, 3] → [5, 5, 3, 3] Ex2: [0, 4, 0, 3] → [3, 4, 3, 3] Ex3: [0, 1, 0] → [1, 1, 0]
Coding Exercise-31	Given an array of ints, return true if the number of 1's is greater than the number of 4's Ex1: [1, 4, 1] → true Ex2: [1, 4, 1, 4] → false Ex3: [1, 1] → true Ex4: [1, 4, 4, 4] → false Ex51: [1, 1, 1, 4] → true
Coding Exercise-32	Return an rearranged array, so that all the even numbers come before all the odd numbers. Ex1:[1, 0, 1, 0, 0, 1, 1] → [0, 0, 0, 1, 1, 1, 1] Ex2:[3, 3, 2] → [2, 3, 3] Ex3:[2, 2, 2] → [2, 2, 2]
Coding Exercise-33	create an array with the pattern {1, 1, 2, 1, 2, 3, ... 1, 2, 3 .. n} Note that the length of the array will be n*(n + 1)/2. Ex1: Array(2) → [1, 1, 2] Ex2: Array(3) → [1, 1, 2, 1, 2, 3] Ex3: Array(4) → [1, 1, 2, 1, 2, 3, 1, 2, 3, 4]
Coding Exercise-34	Return the number of clumps in the given arrays. A "clump" in an array is a series of 2 or more adjacent elements of the same value. Ex1: clumps([1, 2, 2, 3, 4, 4]) → 2 Ex2: clumps([1, 1, 2, 1, 1]) → 2 Ex3: clumps([1, 1, 1, 1, 1]) → 1 Ex4: clumps([3, 4, 4, 4, 5]) → 1 Ex5: clumps([8, 8, 6, 6, 5, 5]) → 3 Ex6: clumps([10, 9, 8, 7, 6, 6, 5, 4, 4, 4, 3, 3, 3, 2, 2, 1]) → 4
Coding Exercise-35	Ask user to enter a positive integer and then display the Fibonacci series of numbers from 0 to user-specified number . Ex1: Fib(5) → [0, 1, 1, 2, 3, 5] Ex2: Fib(13) → [0, 1, 1, 2, 3, 5, 8, 13] Ex3: Fib(34) → [0, 1, 1, 2, 3, 5, 8, 13, 21, 34]
Coding Exercise-36	Write a Java program to form the largest number from a given list of non negative integers. Ex1: Input[1,2]→ Output [21] Ex2: Input[3,4,7]→ Output [743] Ex3: Input[8,1,4,6]→ Output [8641] Ex4: Input[6,1,3,7,9]→ Output [97631] Ex5: Input[1,2,3,0,4,6]→ Output [643210]
Coding Exercise-37	Find the sum of even and odd numbers in the given array. Ex1: Input[1,2]→ Output evenSum= 1, oddSum=2 Ex2: Input[3,4,7]→ Output evenSum= 4, oddSum=10 Ex3: Input[8,1,4,6]→ Output evenSum= 18,oddSum=1 Ex4: Input[6,1,3,7,9]→ Output evenSum= 6, oddSum=18 Ex5: Input[1,2,3,0,4,6]→ Output evenSum= 12, oddSum=1
Coding Exercise-38	
Coding Exercise-39	

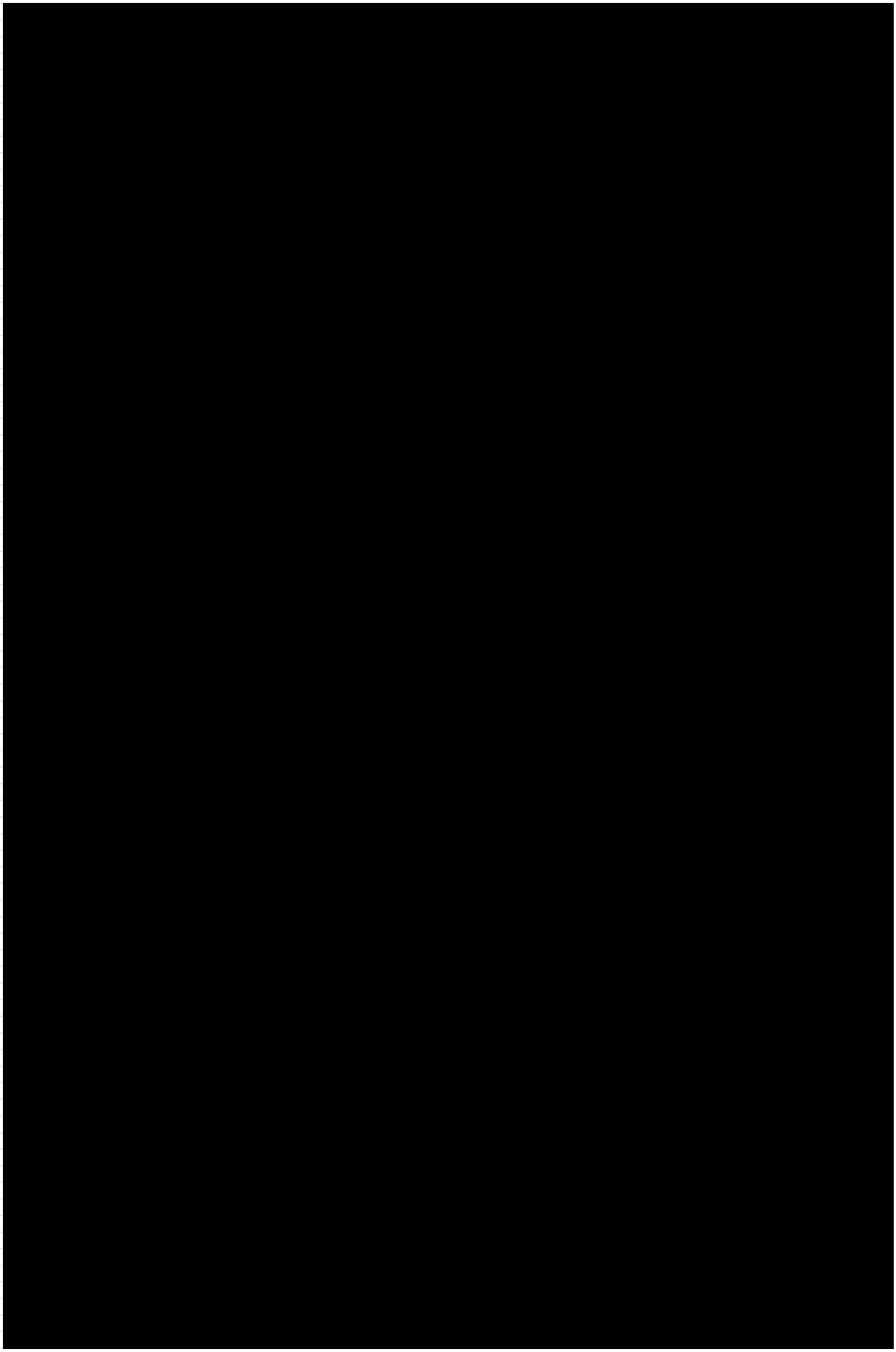


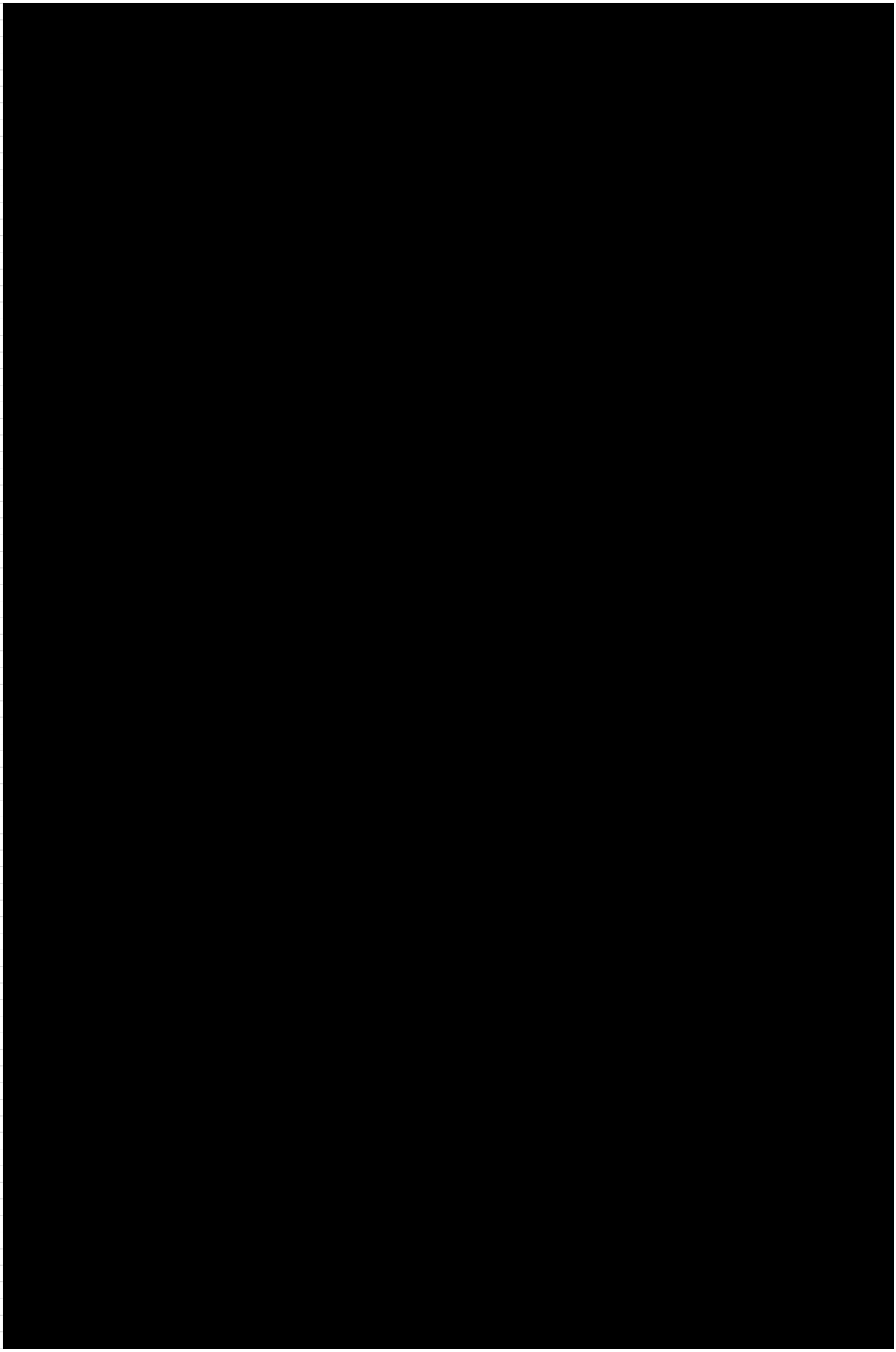


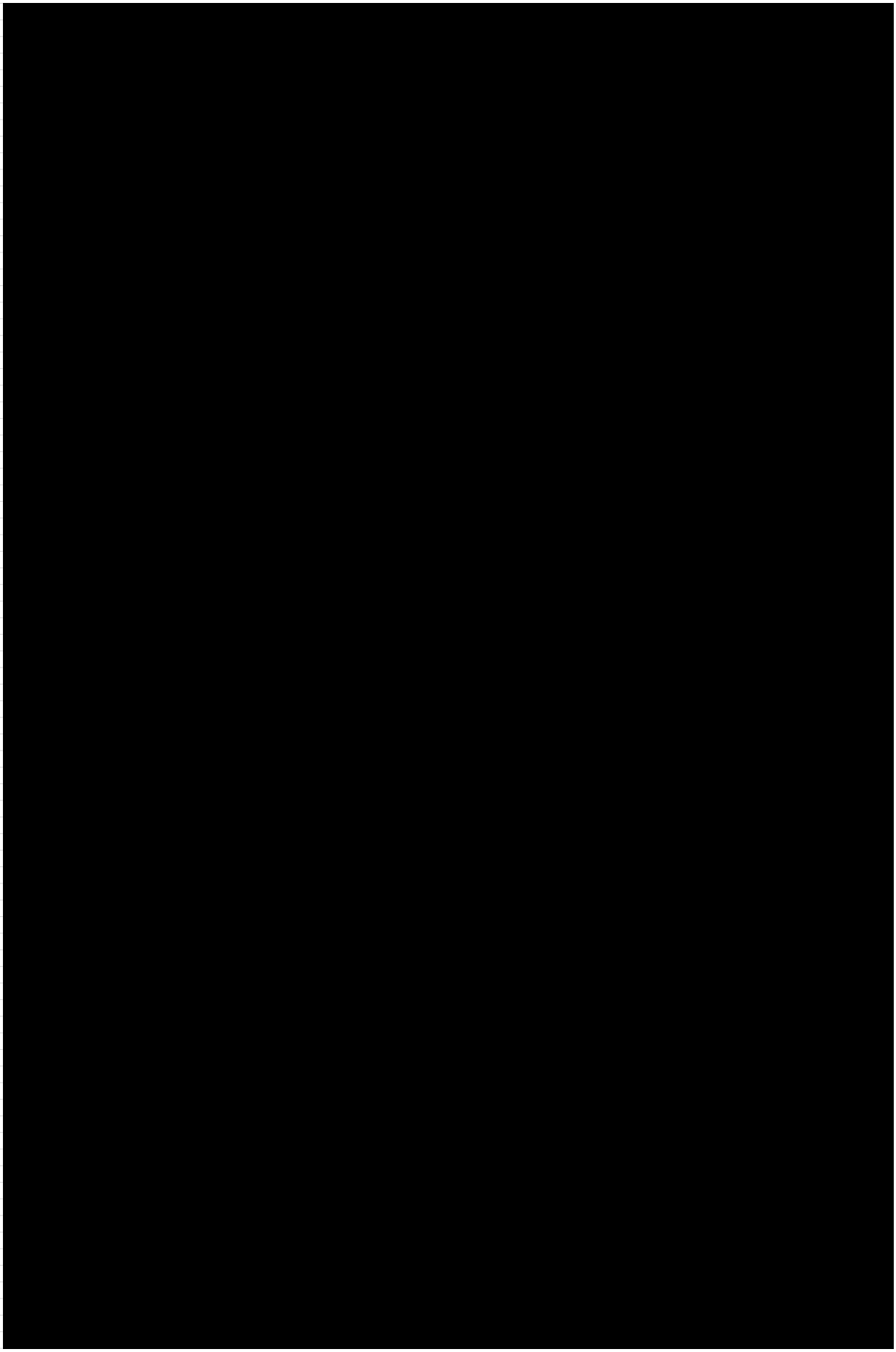


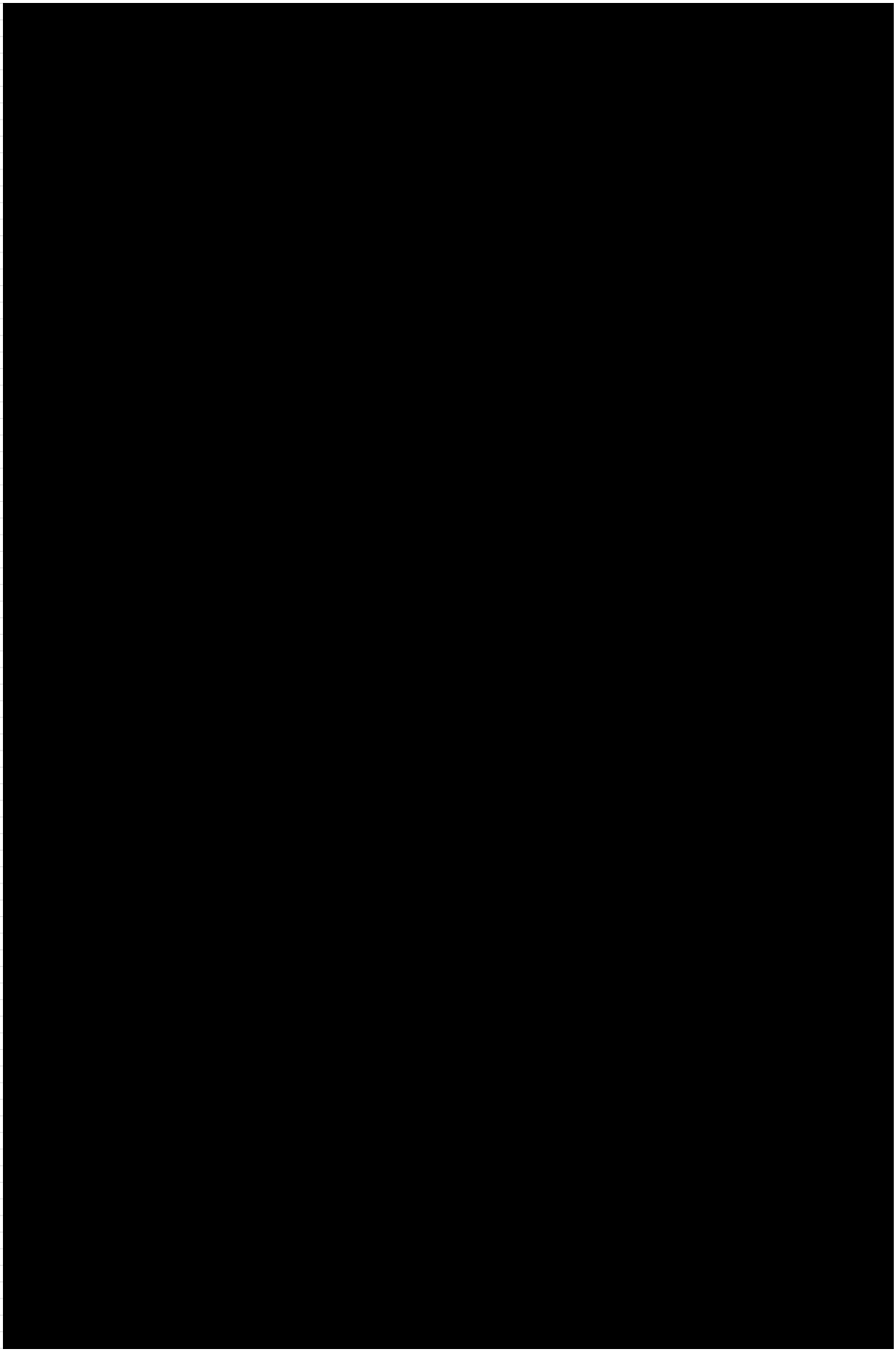


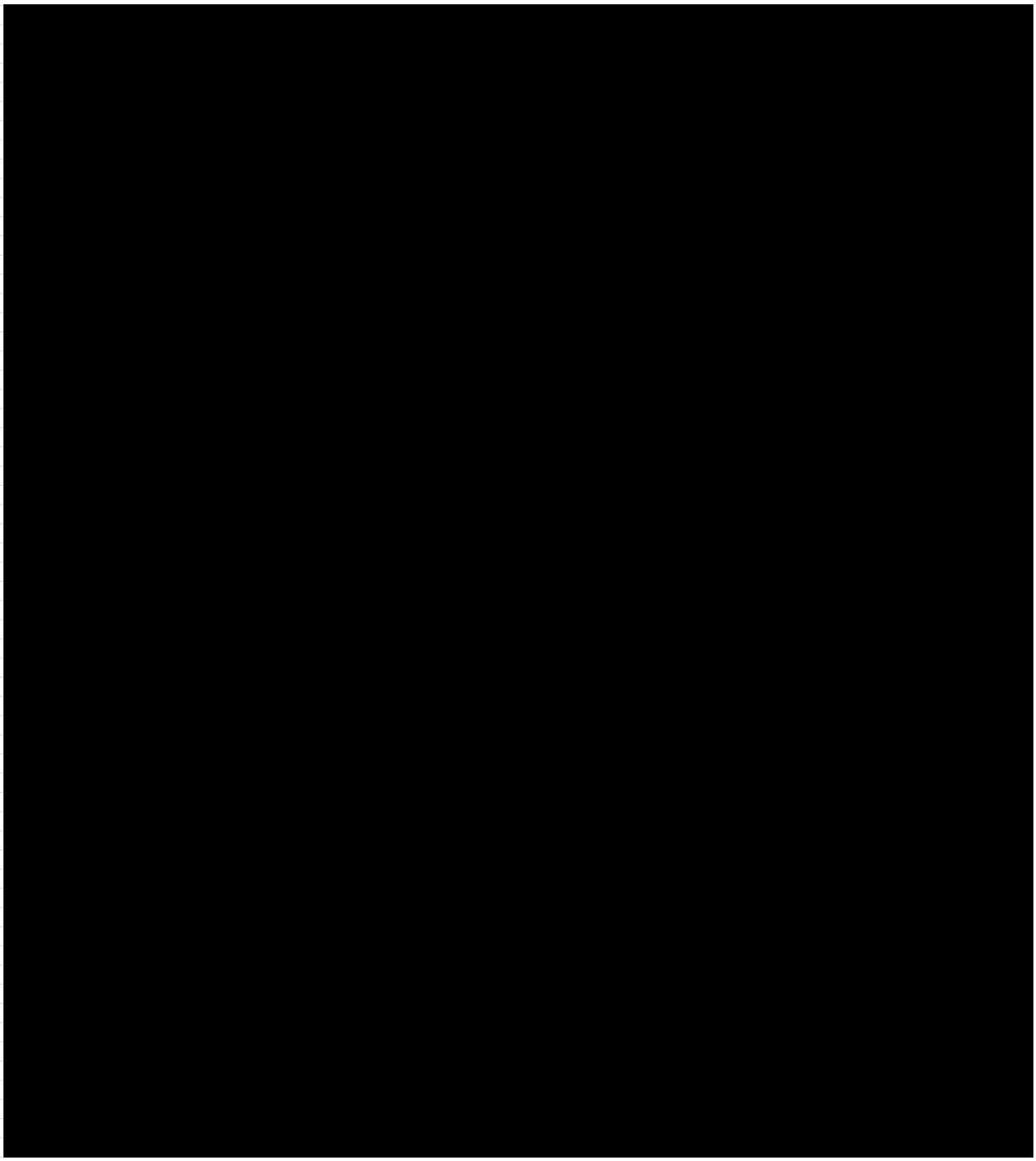












		Java	Python

Coding Exercise-01	1: Print HELLO for the given string "AHCECLWLXO"	String s = "AHCECLWLXO";
		// **Approach1**
		String[] split = s.split("");
		for (int i = 1; i < split.length; i = i + 2) {
		System.out.print(split[i]);
		}
		System.out.println("\n----------");
		// **Approach2**
		Stream.iterate(1, i -> i + 2).
		map(n -> s.charAt(n)).
		limit(s.length()/2).
		forEach(System.out::print);
			str = "AHCECLWLXO"
			print(str[1::2])

	2: Print HELLO in CAPITAL letters for the given string "ahceclwlxo"	String s = "ahceclwlxo";
		// **Approach1**
		String[] split = s.split("");
		for (int i = 1; i < split.length; i = i + 2) {
		System.out.print(split[i].toUpperCase());
		}
		System.out.println("\n----------");
		// **Approach2**
		Stream.iterate(1, i -> i + 2).
		map(n ->String.valueOf(s.charAt(n))).
		map(String::toUpperCase).
		limit(s.length()/2).
		forEach(System.out::print);
			str1 = "ahceclwlxo"
			print (str1[1::2]. upper ())

Coding Exercise-02	1: Print all the numbers between -15 to 10.		

	2: Ask user to enter a number and then print the multiplication table of the input number.	Scanner sc =new Scanner(system. In) ;
		Syso("enter the multiplication number: ") ;
		int table =sc.nextInt();
		
		for(int i=0;i<=10;i++)
		{
		Syso(i+"*" +table+"=" +table*i) ;
		}
			n = int(input("Enter the value of n: "))
			for i in range (1,11):
			print (n, "X", i, "=", n * i)

Coding Exercise-03	1: Print "Hello Programming" and then print "I don't like you" and then print "But I have to "LEARN", I am ready"		
	2: Ask user to input a number and then print the number.		

	3.Ask user to enter the starting number and ending number and Print all the prime numbers between starting and ending number.	public class ExercisePrimeno {
		
		public static void main(String[] args) {
		// Print between range
		int num1, num2,flag=1, i, j;
		Scanner s = new Scanner(System.in);
		System.out.print("Enter the starting number : ");
		num1 = s.nextInt();
		System.out.print("Enter the ending number :");
		num2 = s.nextInt();
		System.out.println("Prime numbers between given range are :");
		
		for(i = num1; i <= num2; i++)
		{
		for(j = 2; j < i; j++)
		{
		if(i % j == 0)
		{
		flag = 0;
		break;
		}
		else
		{
		flag = 1;
		}
		}
		if(flag == 1)
		{
		System.out.println(i);
		}
		}
		
		}}
			class Assessment3:
			
			def findPrimeNumbers(self):
			#declaring instantaneous variables for storing input scanned#
			num1 = 0
			num2 = 0
			
			# using while loop to ask user for inputs if both numbers scanned are same#
			
			while(num1 == num2):
			num1 = int(input("Enter start value : "))
			num2 = int(input("Enter end value : "))
			
			# checking for small and large value from input to set it for range's start and end values#
			
			if num1<num2:
			startnum = num1
			endnum = num2
			else:
			startnum = num2
			endnum = num1
			
			#casting startnum and endnum to string so as to concatenate with message#
			
			print("\nPrime numbers in range " + str(startnum) + " to " + str(endnum) + " is:")
			
			# for loop to iterate through range between the numbers entered by user#
			#increasing count when remainder is zero after division. Checking for count = 1, meaning number is divisible by that number only. Hence printed as prime number#
			
			for num in range(startnum, endnum+1):
			count = 0
			for i in range(2, num+1):
			if num%i == 0:
			count +=1
			if count == 1:
			print(num, end = ' ')
			continue
			
			A recursive method use to find factorial of a number entered by user#
			
			def findFactorial(self,num):
			if num ==1:
			return 1
			else:
			return num*self.findFactorial(num-1)
			
			#creating object of class#
			obj = Assessment3()
			
			#calling method to find prime number using class object#
			obj.findPrimeNumbers()
			
			#variable used to toggle on condition
			flag = 1
			
			#while loop will continue iteration if 'try' block generates error. Flag = 1: error generated by try block #
			
			while(flag == 1):
			# 'try - except' will only accept user input for integer value and will generate error for character/ string/float values#
			
			try:
			#casting character/string/float to int generates exception(ValueError). Hence control move to except block, where flag is set to 1, iterating while loop again. Asking user to enter valid input#
			
			factNum = int(input("\n\nEnter a integer number to find factorial : "))
			
			#if user input is integer, control will come to while loop instead of except. While loop keeps iterating until non negative and non zero is received as input#
			
			while factNum <= 0 :
			factNum= int(input("\nPlease enter a integer number greater than 0 : "))
			
			# if value is non-zero and non negative, factorial function will be called#
			
			else:
			print("\n\nFactorial of " + str(factNum) + " is = " + str(obj.findFactorial(factNum)))
			
			# flag will be set to zero to break while loop as valid input is received from user
			flag = 0
			
			except:
			flag 1

	4: Ask user to enter a number and then print the factorial of the input number. example if user input 5, then print "factorial of 5 is = 120" i.e. 5*4*3*2*1	public class ExerciseFactorialno {
		
		public static void main(String[] args) {
		
		int i, number, fact = 1;
		
		System.out.println("Enter an integer to calculate its factorial");
		Scanner in = new Scanner(System.in);
		
		number = in.nextInt();
		
		if (number < 0)
		System.out.println("Number should be non-negative.");
		else
		{
		for (i = 1; i <= number; i++)
		fact = fact*i;
		
		System.out.println("Factorial of "+number+" is = "+fact);
		}}}	

Coding Exercise-04	1: what should be the output of following code		
	A: var i=1; while (i<=10){console.log(i);i +=2;}		
	B: var i=100;while (i<150){console.log(i+1);i--;}		

	2: Given array ["A","B","C","D","E","F","G"]
	A: Add item "NOW I KNOW MY ABCs" at the end. Output should be ["A","B","C","D","E","F","G","NOW I KNOW MY ABCs"]
	B: Add item "123456" at the beginning. Output should be["123456","A","B","C","D","E","F","G","NOW I KNOW MY ABCs"]
	C: Remove ["D","E","F","G"] from the array; Output should be ["123456","A","B","C","NOW I KNOW MY ABCs"]
	D: Remove ["123456"] from the array; Output should be ["A","B","C","NOW I KNOW MY ABCs"]
	NOTE : Make sure the original array ["A","B","C","D","E","F","G"]should be intact and not modified. you can create any no. of new arrays.
		import java.util.ArrayList;
		import java.util.Arrays;
		import java.util.List;
		
		public class Codingarrays4 {
		
		public static void main(String[] args) {
		// TODO Auto-generated method stub
		String items[]={"A","B","C","D","E","F","G"};
		
		for(String val:items)
		System.out.print(val + " ");
		/*Array to ArrayList conversion*/
		
		ArrayList<String> newitems= new ArrayList<String>(Arrays.asList(items));
		ArrayList<String> originalitems=new ArrayList<String>();
		originalitems.addAll(newitems);
		System.out.println("");
		//add element at the last
		newitems.add("NOW I KNOW MY ABCs");
		System.out.println("New element added:"+newitems);
		//add element at the beginning
		newitems.add(0,"123456");
		System.out.println("New element added in beginning:"+newitems);
		
		//remove element for particular range
		newitems.subList(4, 8).clear();
		System.out.println("Removed the element:"+newitems);
		
		//remove starting element
		newitems.remove(0);
		System.out.println("Removed the first element:"+newitems);
		
		Object[] objects = originalitems.toArray();
		
		// Printing original values
		for (Object obj : objects)
		
		System.out.print(obj + " ");
		
		}
		}									

Coding Exercise-05	1: Write a SQL query that will return the maximum value from the "Numbers" column, without using a SQL aggregate like MAX or MIN. Numbers 30 70 -8 90	SELECT Num FROM (SELECT ROWNUM SLNO,Num FROM (SELECT DISTINCT Num FROM Table ORDER BY Num DESC)) WHERE SLNO=1;									
	2: Generate a random number between 1 and 9 (including 1 and 9). Ask the user to guess the number, then tell them whether they guessed too low, too high, or exactly right Exp: If random no is 8 and user input 5 (print "Low"), if user enter 8 (print High), if user input 8 then print ('Right Guess').	package exercises; import java.util.Scanner; public class Codingexercise5 { public static void main(String args[]) { int number; number = (int) (Math.random() * 9 + 1); Scanner sc = new Scanner(System.in); int guess; System.out.print("Guess the random number: "); guess = sc.nextInt(); System.out.println("Your guess is " + guess); if (guess == number) System.out.println("Hurray!!Right guess. You win 100000USD$"); else if (guess < number) System.out.println("Your guess is smaller than the random number generated"); else if (guess > number) System.out.println("Your guess is greater than the random number generated"); sc.close(); } }										
Coding Exercise-06	Ask the user to input a character and check whether it is an alphebet or not, then display the output on the screen. If input character is an Alphabets, print "AN ALPHABET! I can read your mind" and if its a number print "A NUMBER! I can read your mind".	Package Java; import java.util.Scanner; public class alphabet_number { public static void main(String[] args) { Scanner sc=new Scanner(System.in) ; System.out.println("Enter the input"); char c=sc.next().charAt(0); if ((c >=65 && c <=90) || (c >= 97 && c <= 122)) { System.out.println("The entered character is alpahabet"); } else if (c >= 48 && c <= 57) { System.out.println("the entered character is number"); } else { System.out.println("the entered character is special character"); } } }										
Coding Exercise-07	1: Ask user to input starting day and the number of days in a month. Find the number of times every day occurs in that month. Ex: Input : Number of days in month = 30 , First day = Tuesday Output : Monday=4, Tuesday=5, Wednesday=5, Thursday=4, Friday=4, Saturday=4, Sunday=4; 2: What's wrong in the following query? SELECT subject_code, AVG (marks) FROM students WHERE AVG(marks) > 75 GROUP BY subject_code; 3: If a client connects to a web service, how do we identify the user? 4: What HTTP Status Code 499 states in web-service, explain with example. 5: An apple costs 40 cents, a banana costs 60 cents, and a grapefruit costs 80 cents. How much does a pear cost? 6: Why are manhole covers round and not square? 7: Is it better to be perfect and late, or good and on time? 8: Describe a bad experience you had working with your ex-employer										
Coding Exercise-08	1: Ask user to input single string and Reverse every word in a string and print. ex: Input : "Hello", Output : "olleH".	import java.util.Scanner; public class Program1{ public static void main(String[] args) { Scanner sc = new Scanner(System.in); System.out.println("Enter the String : "); String s = sc.nextLine(); char[] newString = new char[s.length()]; int j = 0; for (int i = s.length() - 1; i >= 0; i--) { newString[j] = s.charAt(i); j++; } System.out.print("Reverse of given String is : "); for (char rev : newString) { System.out.print(rev); } sc.close(); } }	def my_function(x): return x[::-1] mytxt = my_function("Hello") print(mytxt)									
	2: Ask user to input the electricity consumption and calculate the amount based on below parameters... 1 to 100 units - Rs. 10/unit 100 to 200 units - Rs. 15/unit 200 to 300 units - Rs. 20/unit above 300 units - Rs. 25/unit Examples 1: Input: U = 250 Output: 3500 Explanation: Charge for the first 100 units - 10*100 = 1000 Charge for the 100 to 200 units - 15*100 = 1500 Charge for the 200 to 250 units - 20*50 = 1000 Total Electricity Bill = 1000 + 1500 + 1000 = 3500	import java.util.Scanner; public class Program2{ static int amount(int U) { int amt = 0; if (U <= 100) { amt = U * 10; } else if (U > 100 && U <= 200) { int x = U - 100; amt = 10 * 100 + 15 * x; } else if (U > 200 && U <= 250) { int x = U - 200; amt = 10 * 100 + 15 * 100 + 20 * x; } else { int x = U - 250; amt = 10 * 100 + 15 * 100 + 20 * 50 + 25 * x; } return amt; } public static void main(String[] args) { Scanner sc = new Scanner(System.in); System.out.println("Enter Electricity Consumptions : "); int U = sc.nextInt(); System.out.println("Total Amount = " + amount(U)); } }	# Function to calculate the # electricity bill def calculateBill(units): # Condition to find the charges # bar in which the units consumed # is fall if (units <= 100): return units * 10; elif (units <= 200): return ((100 * 10) + (units - 100) * 15); elif (units <= 300): return ((100 * 10) + (100 * 15) + (units - 200) * 20); elif (units > 300): return ((100 * 10) + (100 * 15) + (100 * 20) + (units - 300) * 25); return 0; # Driver Code units = 250; print(calculateBill(units));									

Coding Exercise-09	You are driving a little too fast, and a police officer stops you. Write code to compute the result:
	0=no ticket.
	1=small ticket.
	2=big ticket.
	
	- If speed is 60 or less, the result is 0.
	- If speed is between 61 and 80 inclusive, the result is 1.
	- If speed is 81 or more, the result is 2.
	Special note : If it is your birthday -- on that day, your speed can be 5 higher in all cases.
		import java.util.Scanner;
		public class SpeedCheck {
		public static void main(String[] args) {
		int speed = 0;
		boolean isBirthday = false;
		System.out.print("Enter speed: ");
		Scanner input = new Scanner(System.in);
		speed = input.nextInt();
		if(speed<=60||(isBirthday&&speed<=65))
		System.out.println("No ticket");
		else if(speed>=61&&speed<=80)||(isBirthday&&speed<=85))
		System.out.println("Small ticket");
		else
		System.out.println("Big ticket");
		}
		}
			from datetime import date
			def calculate_ticket(birthday,speed):
			limit1 = 60
			limit2 = 80
			#checking todays date and storing it in string format[mm/dd/yy]#
			today = date.today().strftime("%x")
			#checking if its birthday today and allowing +5 speed
			#today[:5] - will take only mm/dd#
			if birthday == today[:5]:
			limit1 = limit1 + 5
			limit2 = limit2 + 5
			#applying fine as per speed recorded and speed limt#
			
			if speed <= limit1:
			print("No Ticket")
			return 0
			elif speed <= limit2:
			print("Small Ticket")
			return 1
			else:
			print("Big Ticket")
			return 2
			#Asking system for person's birthdate and speed recorded#
			birthdate = input("Enter your birthdate(MM/DD): ")
			vehicle_speed = int(input("Speed dected: "))
			#callling function to apply fine.Providing vehicle speed and birhdate as input#
			calculate_ticket(birthdate, vehicle_speed)

Coding Exercise-10	Ask user to enter two number (int) a and b, return true if a:) either one is 6 b:) Or if their sum is 6 c:) or difference is 6.
	Ex condition [a:] (6,10), (5,6), (9,6) - True
	Ex condition [b:] (1,5), (3,3), (-4,10) - True
	Ex condition [c:] (90,84), (16,12), (-14,20) - True
			def findSix():
			a = int(input("Please first number : "))
			b = int(input("Please second number : "))
			
			if a ==6 or b == 6 or a+b == 6 or abs(a-b) == 6:
			return True
			else:
			return False

	Given two strings,
	a: First string has a fixed length of 4, such as "[[]]"
	b: Second string is a word and can be of any length, such as "Yay", OR "WooHoo". OR "Word"
	Write a program to return a new string where the second string is in the middle of the first string.
	Ex1: ("<<>>", "Yay") → "<<Yay>>"
	Ex2: ("<<>>", "WooHoo") → "<<WooHoo>>"
	Ex3: ("[[]]", "word") → "[[word]]"
		import java.util.Scanner;
		public class ex09pro2 {
		public static void main(String[] args) {
		Scanner sc ,sc1;
		sc=new Scanner(System.in);
		sc1=new Scanner(System.in);
		System.out.println("Enter 1st string of 4 digits");
		String no1=sc.next();
		System.out.println("Enter 2nd string of any length");
		String no2=sc1.nextLine();
		System.out.println(no1.substring(0,2)+no2+no1.substring(2,4));
		} }
			Def middestring(str,text)
			return str[:2] + text +str[2:]
			Print(middlestring('[[]]' , 'Learning Time'))

	Given a string, count the number of words ending in 'y' or 'z' --
	string "heavy" → Output 1 : As it has 1 y at end, so output should be 1.
	string "Yellow"→ Output 0 : As it has 1 y but its not at the end, its at the beginning, so output should be 0.
	string "fez"→ Output 1 : As it has 1 z at end, so output should be 1.
	string "fez day"→ Output 2 : As it has 1 z and 1 y at the end, so output should be 2.
	string "day fez"→ Output 2 : As it has 1 z and 1 y at the end, so output should be 2.
	string "sunday"→ Output 1 : As it has 1 y at the end, so output should be 1.
	string "zero"→ Output 0 : As it has 1 z but its not at the end, its at the beginning, so output should be 0
		package Strings;
		import java.util.Scanner;
		
		public class Strings_28
		{
		public static void main(String[] args)
		{
		Scanner s = new Scanner(System.in);
		System.out.println("Enter a string");
		String a = s.nextLine();
		String[] b = a.split(" ");
		int length = b.length;
		int count = 0 ;
		for(int i = 0 ; i <length ; i++)
		{
		String xyz = b[i];
		for(int j = 0 ; j < xyz.length() ;j++)
		{
		if(xyz.charAt(j) == 'y' || xyz.charAt(j) == 'z')
		{
		count++;
		}
		}
		}
		System.out.println(count);
		}
		}
			"def getMyChar(text, flag):
			if flag == True:
			return (text[0])
			elif flag == False:
			return (text[-1])
			
			def check_Y_Z():
			input_string = lower(input(""Please enter a word: ""))
			words = input_string.split("" "")
			count = 0
			for word in words:
			if word[-1] == 'y' or word[-1] == 'z':
			count +=1
			print(""Output = "" + str(count))
			
			print(getMyChar(""Hello"", True))
			print(getMyChar(""World"",False))
			check_Y_Z()"

Coding Exercise-14	Ask user to input a string of odd length, return the string length 3 from its middle.
	The string length will be at least 3.
	Ex1:{"Candy"} → "and"
	Ex2:{"and"} → "and"
	Ex3:{"solving"} → "lvi"
	Ex4:{"Happy"} → "epp"
		public class Practice {
		public static void main(String[] args) throws Exception {
		Scanner s = new Scanner(System.in);
		System.out.println("Enter a string with odd lenght");
		String a = s.next();
		
		if (a.length() < 3) {
		System.out.println("Lenght of string should be at least 3 char lenght");
		} else if (a.length() % 2 == 0) {
		System.out.println("Lenght should be odd");
		} else {
		
		if (a.length() == 3) {
		System.out.println(a);
		} else {
		int l = a.length() - 3;
		int g = l / 2;
		
		for (int i = g; i < a.length() - g; i++) {
		System.out.print(a.charAt(i));
		}
		}
		}
		s.close();
		}
		}
			def middle(s):
			#s=str(input('enter string of odd no'))
			if len(s)%2==0:
			return 'Enter correct string of odd num and try again'
			else:
			i=int((len(s)-1)/2)
			return s[i-1:i+2]
			print(middle('Candy'))

	Given 2 strings, a and b, return a new string made of the first char of a and the last char of b.
	If either string is length 0, use '@' for its missing char.
	Ex1:{"last", "chars"} → "ls"
	Ex2:{"yo", "java"} → "ya"
	Ex3:{"hi", ""} → "h@"
		public class Practice {
		public static void main(String[] args) throws Exception {
		String a, b;
		
		Scanner s = new Scanner(System.in);
		System.out.println("Enter string A");
		a = s.nextLine();
		System.out.println("Enter string B");
		b = s.nextLine();
		
		if (a.equals(" ") || a.length() == 0) {
		a = "@";
		}
		else if (b.equals(" ") || b.length() == 0) {
		b = "@";
		}
		char aa = a.charAt(0);
		char bb = b.charAt(b.length()-1);
		String fin = Character.toString(aa).concat(Character.toString(bb));
		System.out.println(fin);
		}
		}
			def fristlast(s1,s2):
			if len(s1)>0 and len(s2)>0:
			return s1[0]+s2[-1]
			#elif len(s1<0) or len(s2)<0:
			
			elif len(s1)>0 and len(s2)<=0:
			return str(s1[0])+'@'
			elif len(s1)<=0 and len(s2)>0:
			return '@'+str(s2[-1])
			elif len(s1)<=0 and len(s2)<=0:
			return '@@'
			
			print(fristlast('last','chars'))

Coding Exercise-15	Ask user to input a string, return a new string made of 3 copies of the first 2 chars of the original string.
	The string may be any length. If there are fewer than 2 chars, use whatever is there.
	Ex1: {"Hello"} → "HeHeHe"
	Ex2:{"ab"} → "ababab"
	Ex3:{"H"} → "HHH"
		public class Practice {
		public static void main(String[] args) throws Exception {
		Scanner s = new Scanner(System.in);
		System.out.println("Enter a string"); //ana
		String a = s.nextLine();
		int copies = 3;
		if (a.length() < 2) {
		for (int i = 0; i < copies; i++) {
		System.out.print(a);
		}}
		else {
		char[] ch = a.toCharArray();
		String fin = Character.toString(ch[0]).concat(Character.toString(ch[1])).toString();
		for (int i = 0; i < copies; i++) {
		System.out.print(fin);
		}} s.close(); }}	

	Given two strings, a and b, return the result of putting them together in the order abba
	Ex1:{"Hi", "Bye"} → "HiByeByeHi"
	Ex2:{"Yo", "Alice"} → "YoAliceAliceYo"
	Ex3:{"What", "Up"} → "WhatUpUpWhat"
		public class Practice {
		public static void main(String[] args) throws Exception {
		Scanner s = new Scanner(System.in);
		System.out.println("Enter two strings");
		String a = s.nextLine();
		String b = s.next();
		System.out.println(a.concat(b).concat(b).concat(a));
		s.close();
		}}	

Coding Exercise-16	Ask user to input a string and an int n, return a string made of the first and last n chars from the string. The string length will be at least n.
	Ex1:{"Hello", 2} → "Helo"
	Ex2:{"Chocolate", 3} → "Choate"
	Ex3:{"Chocolate", 1} → "Ce"
	Ex4:{"Hello", 1} → "Ho"
		import java.util.Scanner;
		public class practice0923 {
		public static void main(String[] args) {
		// TODO Auto-generated method stub
		
		Scanner a = new Scanner(System.in);
		System.out.println("Enter a string");
		String s =a.next();
		System.out.println("Index");
		int index = a.nextInt();
		System.out.println(s.substring(0, index).concat(s.substring(s.length()-index)));
		}}
			def practice1(s,n):
			return s[:n]+s[-n:]
			print(practice1("Hello", 2))
			print(practice1("Chocolate", 3))
			print(practice1("Chocolate", 1))

	Given a string, return true if "bad" appears starting at index 0 or 1 in the string, The string may be any length, including 0.
	Ex1:{"badxx"} → true
	Ex2:{"xbadxx"} → true
	Ex3:{"xxbadxx"} → false
		import java.util.Scanner;
		public class practice20923 {
		public static void main(String[] args) {
		Scanner a = new Scanner(System.in);
		System.out.println("Enter a string");
		String s =a.next();
		if(s.indexOf("bad")==0 || s.indexOf("bad")==1)
		{ System.out.println(true);
		} else
		{System.out.println(false);
		}}}
			def practive2(s):
			if s.index("bad")==0 or s.index("bad")==1:
			return True
			else:
			return False
			print(practive2("badxx"))
			print(practive2("xbadxx"))
			print(practive2("xxbadxx"))

Coding Exercise-17	Ask user to input a string, return a new string where for every char in the original, there are two chars.
	Ex1: {"The"} → "TThhee"
	Ex2: {"AAbb"} → "AAAAbbbb"
	Ex3: {"Hi-There"} → "HHii--TThheerree"
		import java.util.Scanner;
		public class practice10924 {
		public static void main(String[] args) {
		// TODO Auto-generated method stub
		int i;
		Scanner a = new Scanner(System.in);
		System.out.println("Enter a string");
		String s = a.next();
		String j="";
		for(i=0;i<=s.length()-1;i++)
		{
		j += s.substring(i,i+1) + s.substring(i,i+1);
		}
		System.out.println(j);
		}
		}
			def practice1(s):
			j=""
			for i in range(len(s)):
			j=j+(s[i]*2)
			return j
			print(practice1("The"))
			print(practice1("AAbb"))
			print(practice1("AAbb"))

	Return the number of times that the string "code" appears anywhere in the given string
	Ex1: {"aaacodebbb"} → 1
	Ex2: {"codexxcode"} → 2
	Ex3: {"codexxcodexxcode"} → 3
		import java.util.Scanner;
		public class practice20924 {
		
		public static void main(String[] args) {
		Scanner a = new Scanner(System.in);
		System.out.println("Enter a string");
		String s = a.next();
		System.out.println(s.split("code",-1).length-1);
		//s.split(regex, limit)
		
		}
		}
			def practice2(s):
			return s.count("code")
			print(practice2("aaacodebbb"))
			print(practice2("codexxcode"))
			print(practice2("codexxcodexxcode"))

Coding Exercise-18	For the given below strings, Return true if the string "cat" and "dog" appear the same number of times.
	Ex1: {"catdog"} → true
	Ex2:{"catcat"} → false
	Ex3:{"1cat1cadodog"} → true
	Ex4:{"catnotdog"} → true
		public class oPract {
		public static void main(String[] args) {
		Scanner sc = new Scanner(System.in);
		System.out.println("Enter a string with dog and cat");
		String s = sc.next();
		String a = "cat";
		String b = "dog";
		int aa = (s.length() - s.replace(a, "").length()) / a.length();
		int bb = (s.length() - s.replace(b, "").length()) / b.length();
		if (aa == bb) {
		System.out.println("true");
		} else {
		System.out.println("false");
		}
		}
		}
			def status(a):
			if a.count("cat") == a.count("dog"):
			return True
			else:
			return False
			
			a = "catdog"
			value = status(a)
			print value

Coding Exercise-19

Given a string, compute a new string by moving the first char to come after the next two chars.
Repeat this process for each subsequent group of 3 chars.Ignore any group of fewer than 3 chars at the end.
Ex1: ("abc") → "bca"
Ex2: ("tca") → "cat"
Ex3: ("tcagdo") → "catdog"
Ex3: ("abcdef") → "bcaefd"

```
import java.util.*;
import java.lang.*;
import java.io.*;

/* Name of the class has to be "Main" only if the class is public. */
class Codechef
{
public static void main (String[] args) throws java.lang.Exception
{
 Scanner sc=new Scanner(System.in);
 String userString=sc.nextLine();
 int len=userString.length();
 if(len<=2)
 {
    System.out.println("Please enter string which length is more than 3 character");
 }
 else
 {
    char firstChar=userString.charAt(0);
    userString = userString.substring(1, len);
    String newString=userString+firstChar;
    System.out.println(newString);
 }
}
}
```

Coding Exercise-20

Return the sum of the numbers in the array,
a: Return 0 for an empty array.
b: Number 13 is very unlucky, so it does not count and numbers that come immediately after a 13 also do not count.
Ex1: [1, 2, 2, 1] → 6
Ex2: [1, 1] → 2
Ex3: [1, 2, 2, 1, 13] → 6
Ex4: [1, 5, 13, 5] → 6
Ex5: [1, 5, 13, 13, 5] → 6
Ex5: [13, 2, 5, 8, 13, 4] → 13
Ex7: [1,2,2,1,13,13,5] → 6

```
 package exercises;
public class Codingexercise20 {
public static int sumArray(int[] a) {
int sum=0;
for (int i = 0; i < a.length; i++) {
if (a[i] == 13 || i > 0 && a[i - 1] == 13) {
continue;
} else {
sum=sum+a[i];
}
}
return sum;
}
public static void main(String[] args) {
// TODO Auto-generated method stub
int[]a={};
int sum=sumArray(a);
System.out.println(sum);
}
}
```

```
def sum13(n):
    Total=0
    for i in range (len(n)):
      if(n[i]!=13 or n[i-1]!=13 and i!=0):
        Total=Total
      else:
        Total=Total+n[i]
    return Total

print(sum13([13, 2, 5, 8, 13, 4]))
```

Coding Exercise-21

Given a number n, create and return a new int array of length n, containing the numbers 0, 1, 2, ... n-1.
The given n may be 0, in which case just return a length 0 array.
Ex1:(4) → [0, 1, 2, 3]
Ex2:(1) → [0]
Ex3:(10) → [0, 1, 2, 3, 4, 5, 6, 7, 8, 9]
Ex4:(0) → [0]

```
package exercises;
public class Codingexercise20 {
public static int sumArray(int[] a) {
int sum=0;
for (int i = 0; i < a.length; i++) {
if (a[i] == 13 || i > 0 && a[i - 1] == 13) {
continue;
} else {
sum=sum+a[i];
}
}
return sum;
}
public static void main(String[] args) {
// TODO Auto-generated method stub
int[]a={};
int sum=sumArray(a);
System.out.println(sum);
}
}
```

```
def array(n):
        if n==0:
                return range(0,1)
        else:
                return range(0,n,1)
print(array(4))
```

Coding Exercise-22

Given an array of integers, return true if the array contains either 3 even or 3 odd values. The odd or even values must be occurring in a sequence i.e. next to each other.
Ex1:[2, 1, 3, 5] → true
Ex2:[2, 4, 2, 5] → true
Ex3:[5, 7, 9, 1] → true
Ex4:[2, 4, 2, 2] → true
Ex5:[1, 4, 2, 3] → false
Ex6:[2, 1, 2, 5] → false
Ex7:[2, 1, 3, 4, 1, 7, 6] → false
Ex8:[2, 1, 3, 4, 2, 6, 9] → true

```
public class Practice22 {
public static void main(String[] args) {
int a[] = {1,3,9,3,5};
int isTrue = 0;

for (int i = 0; i < a.length - 2; i++) {
int even = 0;
int odd = 0;

for (int x = i; x < i + 3; x++) {
if (a[x] % 2 == 0) {
even++;
} else {
odd++;
}
if (even == 3 || odd == 3) {
isTrue = 1;
}
}
}
if (isTrue == 1) {
System.out.println("True");
} else {
System.out.println("False");
}
}
}
// Output: True
```

Coding Exercise-23

Return an array that is "left shifted" by one. You may modify and return the given array, or return a new array.
Ex1:[6, 2, 5, 3] → [2, 5, 3, 6]
Ex2:[9, 8, 7, 6, 5] → [8, 7, 6, 5, 9]
Ex3:[1, 2] → [2, 1]
Ex4:[1] → [1]

```
import java.util.Arrays;
public class Ex23 {
public static void main(String[] args) {
 Object[] arr = { 6, 3,null, 2, 7, 1 };
 //Object[] arr = {9,8,7,null,6,5};
 //Object[] arr = {1,2};
 //Object [] arr= {1};
 int length=arr.length;

 System.out.println(Arrays.toString(arr));

 Object first;
 int j;
 first = arr[0];
 for (j = 0; j < length-1; j++) {
  // Shift element of array by one
  arr[j] = arr[j + 1];
 }
 arr[j] = first;
 System.out.println(Arrays.toString(arr));

}

}
```

Coding Exercise-24

Ask user to input length of an array, for example start=1 and end=5
1: Construct an array of 4 elements i.e. 1,2,3,4
2: Return a new String[] array as stated above, except
a: for multiples of 3, use "JUMP" instead of the number 3,
b: for multiples of 5 "RUN",
c: for multiples of both 3 and 5 use "HOP".
Ex1: (1, 2) → ["1"]
Ex2: (1, 3) → ["1", "2"]
Ex3: (1, 4) → ["1", "2", "JUMP"]
Ex4: (1, 5) → ["1", "2", "JUMP", "4"]
Ex5: (1, 6) → ["1", "2", "JUMP", "4", "RUN"]
Ex6: (1, 8) → ["1", "2", "JUMP", "4", "RUN", "JUMP", "7"]
Ex7: (1, 11) → ["1", "2", "JUMP", "4", "RUN", "JUMP", "7", "8", "JUMP", "RUN"]
Ex8: (1, 16) ... ["1", "2", "JUMP", "4", "RUN", "JUMP", "7", "8", "JUMP", "RUN", "11", "JUMP", "13" , "14", "HOP"]

```
import java.util.ArrayList;
public class Ex24 {
 public static void main(String[] args) {
  // TODO Auto-generated method stub
  int start=1;
  int end=16;
  ArrayList<String> arrayList = new ArrayList<String>();
  for(int i=start;i<end;i++)
  {
   if(i%3==0  && i%5==0)
   {
    arrayList.add("HOP");
   }
   else if(i%3==0)
   {
    arrayList.add("JUMP");
   }
   else if(i%5==0)
   {
    arrayList.add("RUN");
   }
   else
   {
    arrayList.add(String.valueOf(i));
   }
  }
  System.out.println(arrayList);
 }
}
```

Coding Exercise-25

Given an array length 1 or more of ints, return the difference between the largest and smallest values in the array.
Ex1: [10, 3, 5, 6] → 7
Ex2: [7, 2, 10, 9] → 8
Ex3: [2, 10, 7, 2] → 8

```
import java.util.Arrays;

public class Ex25 {

 public static void main(String[] args) {
  // TODO Auto-generated method stub
  // int[] arr = {10,3,5,6};
  // int[] arr = {7,2,10,9};
  int[] arr = { 2, 10, 7, 2 };

  Arrays.sort(arr);
  System.out.println(Arrays.toString(arr));
  int diff = arr[arr.length - 1] - arr[0];
  System.out.println("The difference between largest and smallest no. of array is
 }
}
```

```
lst = [10, 3, 5, 6]
print(max(lst) - min(lst))
```

Coding Exercise-26

Return the sum of the numbers in the array, except ignore sections of numbers starting with a 6 and extending to the next 7. (every 6 will be followed by at least one 7). Return 0 for no numbers.
Ex1: [1, 2, 2] → 5
Ex2: [1, 2, 2, 6, 7] → 5
Ex3: [1, 1, 6, 7, 2] → 4

```
public static void main(String[] args) {
   int a[] = { 1, 1, 6, 7, 2 };
   System.out.println(Arrays.stream(a).filter(x -> x != 6 && x != 7).reduce(Integer

}
```

```
def sumofnos(nums):
    total = 0
    i=0
    while i < len(nums):
        if nums[i] == 6:
            while nums[i] != 7:
                i+=1
            i+=1
        elif nums[i]!=6:
            total+=nums[i]
            i+=1
    return total
print(sumofnos([1,2,2,6,7,1]))
```

Coding Exercise-27

Given an array of ints, return true if every element is a 1 or a 4.
Ex1:only14([1, 4, 1, 4]) → true
Ex2:only14([1, 4, 2, 4]) → false
Ex3:only14([1, 1]) → true

```
import java.util.Arrays;

public class Day_27 {

 public static void main(String[] args) {
  Integer a[] = {1,1,1,1,4,4,3};
  if(Arrays.asList(a).contains(null)){
   System.out.println("Given array should not contain any null element");
  }else {
   System.out.println(Arrays.stream(a).allMatch(num -> num==1 || num== 4));
  }
 }
```

```
def oneorfour(l):
    for i in l:
        if i==1 or i==4:
            continue
        else:
            return False
    return True
print(oneorfour([1, 4, 1, 4]))
print(oneorfour([1, 4, 2, 4]))
print(oneorfour([1, 1]))
print(oneorfour([4]))
```

Coding Exercise-28

Given an array of ints, return true if the array contains two 7's next to each other, or there are two 7's separated by one element.
Ex1: [1, 7, 7] → true
Ex1: [1, 7, 1, 7] → true
Ex1: [1, 7, 1, 1, 7] → false
Ex1: [7, 7, 1, 1, 7] → true
Ex1: [9, 0, 5, 1, 7] → false
Ex1: [7, 7, 7, 7, 7] → true

```
import java.util.Arrays;

public class Day28_1 {

 public static void main(String[] args) {
  int[] array = {1,7,1,7};
  if(Arrays.asList(array).contains(null)){
   System.out.println("Array cannot contain null values");
  }else {
   System.out.println("Is given array consist of consecutive 7's: " + checkArray(a
  }
 }

 static boolean checkArray(int[] array) {
  for(int i=0;i<array.length - 1;i++) {
   if(array[i]==7 && array[i+1]==7)
    return true;
  }
  return false;
 }

}
```

```
def check7(l):
    for i in range(len(l)-1):
        if  i<=len(l)-1 and l[i]==7 and l[i+1]==7:
            return True

        elif i<=len(l)-2 and l[i]==7 and l[i+2]==7:
            return True
    return False

print(check7([1, 7, 7]))
print(check7([1, 7, 1, 7]))
print(check7([1, 7, 1, 1, 7]))
print(check7([7, 7, 1, 1, 7]))
print(check7([9, 0, 5, 1, 7]))
print(check7([7, 7, 7, 7, 7]))
```

Coding Exercise-29

Return true if the array contains three increasing adjacent numbers like.
Ex1: [1, 2, 3] → true
Ex2: [6, 7, 8] → true
Ex3: [15, 16, 17] → true
Ex4: [1, 4, 5, 6, 2] → true
Ex5: [1, 2, 4] → false
Ex6: [1, 5, 6, 8] → false
Ex7: [18, 15, 4] → false

```
package arrayprograms;

//Return true if the array contains three increasing adjacent numbers like.
//Ex1: [1, 2, 3] → true
//Ex2: [6, 7, 8] → true
//Ex3: [15, 16, 17] → true
//Ex4: [1, 4, 5, 6, 2] → true
//Ex5: [1, 2, 4] → false
//Ex6: [1, 5, 6, 8] → false
//Ex7: [18, 15, 4] → false

public class Practice29 {

 public static void main(String[] args)
 {
  int arr[]= {18, 15, 4};
  boolean flag=false;

  for(int i=0;i<arr.length-2;i++)
  {
   if(arr[i+1]-arr[i]==1 && arr[i+2]-arr[i+1]==1)
   {
    flag=true;
   }
  }
  System.out.println(flag);

 }
}
```

```
def checkincr(l):
    for i in range(len(l)):
        if i<=len(l)-2 and l[i] == (l[i+1]-1) == (l[i+2]-2):
            return True
    return False
print(checkincr([1, 2, 3]))
print(checkincr([6, 7, 8]))
print(checkincr([15, 16, 17]))
print(checkincr([1, 4, 5, 6, 2]))
print(checkincr([1, 2, 4]))
print(checkincr([1, 5, 6, 8]))
print(checkincr([18, 15, 4]))
```

Coding Exercise-30

Return an array where each zero value in the array is replaced by the largest odd value to the right of the zero in the array.
If there is no odd value to the right of the zero, leave the zero as a zero.
Ex1: [0, 5, 0, 3] → [5, 5, 3, 3]
Ex2: [0, 4, 0, 3] → [3, 4, 3, 3]
Ex3: [0, 1, 0] → [1, 1, 0]

```
public static void main(String[] args)
  {
   // array of integers
   int p[] = { 0, 5, 0, 3 };
   int index = -1, oddHigh = 0;
   for (int i = 0; i < p.length; i++) {
     for (int j = i; j < p.length; j++) {
       if (p[j] == 0 && index == -1) {
           index = j;
       }
       if (index >= 0 && p[j] % 2 != 0) {
           if (oddHigh < p[j]) {
             oddHigh = p[j];
           }

       }
     }
     if (oddHigh != 0) {
       p[index] = oddHigh;
     }
     oddHigh = 0;
     index = -1;
   }
   for (int i = 0; i < p.length; i++)
     System.out.println(p[i]);
   }
```

```
def fillzero(l):
    maxodd=0
    for i in range(1,len(l)+1):
        if l[-i]%2==1 and l[-i]>maxodd:
            maxodd=l[-i]
        elif l[-i]==0:
            l[-i]=maxodd
    return l
print(fillzero([0, 5, 0, 3]))
print(fillzero([0, 4, 0, 3]))
print(fillzero([0, 1, 0]))
print(fillzero([0, 4, 0, 3,5]))
```

Coding Exercise-31

Given an array of ints, return true if the number of 1's is greater than the number of 4's
Ex1: [1, 4, 1] → true
Ex2: [1, 4, 1, 4] → false
Ex3: [1, 1] → true
Ex4: [1, 4, 4, 4] → false
Ex51: [1, 1, 1, 4] → true

```
package com.java.arraya;

public class Exercise_31 {

 public boolean test(int[] ar) {
   int a = 0;
   int b = 0;
     for (int i = 0; i < ar.length; i++) {
    if (ar[i]==1) {
      a++;
    }
    else if (ar[i]==4) {
      b++;
    }
   }
     if (a>b) {

    System.out.println(a);
    return true;
   }
     else {
       System.out.println(b);
       return false;
     }
 }
     public static void main(String[] args) {
      // TODO Auto-generated method stub

       Exercise_31 ex = new Exercise_31();
       int[] nar = {1,1,1,4};
       System.out.println(ex.test(nar));
     }

}
```

```
def onefours(lst):
    if 1 in lst or 4 in lst:
        ones=lst.count(1)
        fours=lst.count(4)
        return (ones>fours)
    return 'Array doesnt contains 1s and 4s'
print(onefours([1, 4, 1]))
print(onefours([1, 4, 1, 4]))
print(onefours([1, 1]))
print(onefours([1, 4, 4, 4]))
print(onefours([1, 1, 1, 4]))
print(onefours([5,4,0,2]))
print(onefours([2,3,5,6]))
```

Coding Exercise-32

Return an rearranged array, so that all the even numbers come before all the odd numbers.
Ex1:[1, 0, 1, 0, 0, 1, 1] → [0, 0, 0, 1, 1, 1, 1]
Ex2:[3, 3, 2] → [2, 3, 3]
Ex3:[2, 2, 2] → [2, 2, 2]

```
import java.util.*;
public class Exc32{
    public static void main(String []args)
    {
     int a[] = {2,5,6,7,0,1,9};
      int j=-1,temp;
     for (int i=0; i<a.length; i++)
     {
     if (a[i]%2==0)
        {
            j++;
            temp=a[i];
            a[i]=a[j];
            a[j]=temp;
        }
      }

       System.out.println(Arrays.toString(a));
     }
}
```

```
def evenoddsegr(lst):
    lst2=[]
    for i in range(len(lst)):
        if lst[i]%2==0:
            lst2.append(lst[i])
    for i in range(len(lst)):
        if lst[i]%2==1:
            lst2.append(lst[i])
    return lst2
print(evenoddsegr([1,2,3,4,5,0,2,2]))
```

Coding Exercise-33

create an array with the pattern {1, 1, 2, 1, 2, 3, ... 1, 2, 3 .. n}
Note that the length of the array will be n*(n + 1)/2.
Ex1: Array(2) → [1, 1, 2]
Ex2: Array(3) → [1, 1, 2, 1, 2, 3]
Ex3: Array(4) → [1, 1, 2, 1, 2, 3, 1, 2, 3, 4]

Coding Exercise-34

Return the number of clumps in the given arrays.
A "clump" in an array is a series of 2 or more adjacent elements of the same value.
Ex1: clumps[1, 2, 2, 3, 4, 4]) → 2
Ex2: clumps[1, 1, 2, 1, 1]) → 2
Ex3: clumps[1, 1, 1, 1, 1]) → 1
Ex4: clumps[3, 4, 4, 4, 5]) → 1
Ex5: clumps[8, 8, 8, 8, 5, 5]) → 3
Ex6: clumps[10, 9, 8, 7, 6, 6, 5, 4, 4, 4, 3, 3, 3, 2, 2, 1]) → 4

```
public class ClumArray{
 public static void main(String args[]) {
   boolean match = false;
      int a[] = {1, 2, 2, 3, 4, 4};
      int clumcount = 0;
  for (int i = 0; i < a.length - 1; i++) {
    if (a[i] == a[i+1] && !match)
    {
        match=true;
        clumcount++;
        }
    else if (a[i] != a[i+1])
    {
        match=false;
    }
    }

   System.out.println(clumcount);
 }
}
```

Coding Exercise-35

Ask user to enter a positive integer and then display the Fibonacci series of numbers from 0 to user-specified number .
Ex1: Fib(5) → [0, 1, 1, 2, 3, 5]
Ex2: Fib(13) → [0, 1, 1, 2, 3, 5, 8, 13]
Ex3: Fib(34) → [0, 1, 1, 2, 3, 5, 8, 13, 21, 34]

Coding Exercise-36

Write a Java program to form the largest number from a given list of non negative integers.
Ex1: Input[1,2]→ Output [21]
Ex2: Input[3,4,7]→ Output [743]
Ex3: Input[8,1,4,6]→ Output [8641]
Ex4: Input[8,1,3,7,9]→ Output [97631]
Ex5: Input[1,2,3,0,4,6]→ Output [643210]

```
import java.util.*;
public class Largest {

 public static String  ln (int[] num) {
       String[] array_nums = Arrays.stream(num).mapToObj(String::valueOf).toAr
       Arrays.sort(array_nums, (String str1, String str2) -> (str2 + str1).compareTo
       return Arrays.stream(array_nums).reduce((a, b) -> a.equals("0") ? b : a + b
  }

 public static void main(String[] args)
 {
   int[] nums = {1, 2, 3, 0, 4, 6};
  System.out.printf("\nOriginal array: "+Arrays.toString(nums));
  System.out.printf("\nLargest number using the said array numbers: "+ln(nums)
  }
}
```

```
def maxnum(a):
      a.sort(reverse=True)
      num = ""
      for i in a:
          num = str(num)+str(i)
      return num
print(maxnum ([2,4,7,1,2,9,8]))
```

Coding Exercise-37

Find the sum of even and odd numbers in the given array.
Ex1: Input[1,2]→ Output evenSum= 1, oddSum=2
Ex2: Input[3,4,7]→ Output evenSum= 4, oddSum=10
Ex3: Input[8,1,4,6]→ Output evenSum= 18, oddSum=1
Ex4: Input[6,1,3,7,9]→ Output evenSum= 6, oddSum=18
Ex5: Input[1,2,3,0,4,6]→ Output evenSum= 12, oddSum=1

```
int a[] = { 1, 2, 3, 0, 4, 6 };
   System.out.println("Even Sum :" + Arrays.stream(a).filter(x -> x % 2 == 0).sun
   System.out.println("Odd sum :" + Arrays.stream(a).filter(x -> x % 2 != 0).sum(
```

```
input = [1,2,3,0,4,6]
print('even_sum {sum(list(filter(lambda i:i%2==0,input)))}')
print('odd_sum {sum(list(filter(lambda i:i%2!=0,input)))}')
```

```
print('odd_sum {sum(list(filter(lambda i:i%2!=0,input)))}')
```