

LOCATION	COMPANY	Q.NO	ROW ID	QUESTION
PA, USA	Walmart	2	2,W	Difference between Abstraction 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 testing annotations
AR, USA	Walmart	14	2,W	Difference between after suite and before suite
Hyderabad	sherrings software service	3	3,A	Class concepts
Hyderabad	sherrings software service	2	3,A	What is Data Driven testing
Bangalore	Synchrotron technologies	1	4,5	Explain about your framework?
Bangalore	Synchrotron technologies	2	4,5	Have you used POM in your framework?
Bangalore	Synchrotron technologies	3	4,5	What is Page Factory?
Bangalore	Synchrotron technologies	4	4,5	Suppose you have 7 pages in your application then to achieve POM what u will do?
Bangalore	Synchrotron technologies	5	4,5	Have you used interface in your framework other than selenium interfaces?
Bangalore	Synchrotron technologies	6	4,5	What are all the selenium interfaces?
Bangalore	Synchrotron technologies	7	4,5	Synchronization in selenium? syntax for implicit wait
Bangalore	Synchrotron technologies	8	4,5	How u will handle popup window /other than get window handle
Bangalore	Synchrotron technologies	9	4,5	What is LinkWait?
Bangalore	Synchrotron technologies	10	4,5	How u will handle alert?
Bangalore	Synchrotron technologies	11	4,5	How to get system date and time?
Bangalore	Synchrotron technologies	12	4,5	How to connect to database?
Bangalore	Synchrotron technologies	13	4,5	Exceptions in selenium?
Bangalore	Synchrotron technologies	14	4,5	Suppose I have class and abstract class in class there is a user defined constructor and main method which one will get executed first?
Bangalore	Synchrotron technologies	15	4,5	Primitive and Non Primitive datatypes in Java? String is primitive or non primitive
Bangalore	Synchrotron technologies	16	4,5	What is HashMap? Can we store objects in hash map and how to retrieve them?
Bangalore	Synchrotron technologies	17	4,5	What is Jenkins?
Bangalore	Synchrotron technologies	18	4,5	What is the use of Pom.xml?
Bangalore	Synchrotron technologies	19	4,5	What is the use of testing.xml?
Bangalore	Synchrotron technologies	20	4,5	Annotation used in page object model?
Bangalore	General Electric	1	5,0	How to find broken links in selenium (except using HTTPURL Connection)
Bangalore	General Electric	2	5,0	Why did you choose selenium?
Bangalore	General Electric	3	5,0	Test scenarios for Amazon search results page
Bangalore	General Electric	4	5,0	Test scenarios for Screen sharing in an app
Bangalore	General Electric	5	5,0	How will you test a button which is enabled only for 5 minutes in a day
Bangalore	GE Healthcare	1	6,0	How u handle dynamic drop down list dynamically with a scenario
Bangalore	GE Healthcare	2	6,0	DCPI concept with programs
Bangalore	GE Healthcare	3	6,0	About bug life cycle
Bangalore	GE Healthcare	4	6,0	Diff annotations in testing
Kolkata	RicewaterhouseCoopers	2	7,F	Tell something about yourself
Kolkata	RicewaterhouseCoopers	2	7,F	What strategies you followed while building a Selenium framework from scratch?
Kolkata	RicewaterhouseCoopers	3	7,F	How can we scroll to end of an page in dynamically loading page?
Kolkata	RicewaterhouseCoopers	4	7,F	Related to above question, I ask you to find one element while scrolling and then stop when found, how would you handle it?
Kolkata	RicewaterhouseCoopers	5	7,F	As a Team Lead, how you will evaluate your team's performance
Kolkata	RicewaterhouseCoopers	6	7,F	What is the difference between Run and Test Strategy.
Kolkata	RicewaterhouseCoopers	7	7,F	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	Herman	1	8,H	Roles and responsibilities
Bangalore	Herman	2	8,H	Explain what you done in B2C testing
Bangalore	Herman	3	8,H	Explain what you done in A/B testing?
Bangalore	Herman	4	8,H	Explain different types of defect management ?
Bangalore	Herman	5	8,H	Explain Bug cycle
Bangalore	Herman	6	8,H	Explain how you handle exception
Bangalore	Herman	7	8,H	What is xpath? Types of X path.Explain each type
Bangalore	Herman	8	8,H	What is wait selenium different types of wait,explain each wait.
Bangalore	Herman	9	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 class 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 package? ?
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 C 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 testing?
Bangalore	Thermo Fisher Scientific	11	10,T	How many suits can be there in testing, 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 testing, 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 team QA and I have 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 ensure that new member in team so that you can assign brother to meet deadline?
Bangalore	Fosco	1	13,F	JAVA: Write a Java program to print 1234 1234 in two lines.
Bangalore	Fosco	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 BDD.
MI, Canada	Canadian Tire Bank	7	14,C	Explain implicit and explicit wait.
Dalhi	Pune software	1	15,P	Different types of Waits available in WebDriver.
Dalhi	Pune software	2	15,P	Different types of Navigation Commands.
Dalhi	Pune software	3	15,P	How to handle frame
Dalhi	Pune software	4	15,P	How to handle Alerts
Dalhi	Pune software	5	15,P	Difference between findElement and findElements
LA, USA	Chemsing	1	16,L	All 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	Ornguard	1	18,O	How do you manage a set of Data Tables in selenium?
Chennai	Photon interactive	1	19,P	About yourself
Chennai	Photon interactive	1	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 tip 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 noise and explain looks
Chennai	Photon interactive	11	19,P	What is background??
Chennai	Photon interactive	12	19,P	How will I run the method again and again in testing?
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 selenium??
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 selectors and relate to w/ 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	CNN	1	20,C	What is DevOps 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	Mileast	1	22,M	What's the fastest locator in Selenium?
Bangalore	Mileast	2	22,M	What does (double colon) in styling xpath's represent?
Bangalore	Mileast	3	22,M	What's the dependency to test write excel documents in Selenium?
Bangalore	Mileast	4	22,M	What's the difference between imports and extends?
Bangalore	Mileast	5	22,M	Why do we use extends when we have imports options ?
Bangalore	Mileast	6	22,M	How to add/remove test cases in "Testing.xml"
Bangalore	Mileast	7	22,M	How to add waits in Selenium?
Hyderabad	HCL	1	24,H	How all zeros to end of array. Given an array of integers,How the all zeros to end of the array. Push all the zero's of a given array to the end of the array. Example : [1,0,1,1,1,0,0,0,0,1,0,0,0] -->[OUTPUT: [1,1,1,1,0,0,0,0,0,1,0,0,0]]
Hyderabad	HCL	2	24,H	Print all the duplicate character and their count in the given string Example : [WELT, Telling an old lady] -->[OUTPUT: [W,2;L,2;T,2;E,1;T,1]]
Hyderabad	HCL	3	24,H	Reverse a string preserving space positions. INPUT : "Java is a programming language" -->[OUTPUT : "egaw gn a lgnmrmargor pasivw"]
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 applications ?
Mumbai	Accenture	6	25,A	About vmtools?
Mumbai	Accenture	7	25,A	How many locators available in selenium and explain each and every one ?

LOCATION	COMPANY	QNO	ROW ID	QUESTION	ANSWER	STATUS	MARKS	DATE	TIME	USER			
				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 it? 3. Write a program to find duplicate numbers from a file.(answered with sorting technique) 4. Immediate question: Is there any other way 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, how I have failure step at line 5, how can you get failure step logged and test execution stop? 13. How you used sleep time in testing and what is reason? 14. Apart from data provider annotation, any other ways to pass the parameters to test ? 15. Have you worked on url? Based on answer, what command is used to find a word in a file? 16. What are common exclude 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 altered procedure? 21. Have you anytime invoked stored procedure in testcases? 22. What is easy to find 2nd highest salary? 23. Any knowledge on grpc? Cassandra? 24. Tell me about past experience briefly. 25. What is priority in testing? When tests are configured parallel, in which priority tests are executed? 26. What is dependency in testing? 27. What is invocationorder in testing? 28. Given a webapplication scenario and asked to write all possible test scenarios? 29. If there is a service A and service B in which service B accepts input parameter from service A output response. In this scenario if 30. What would be the output of below code HashMap<String, String> hm = new HashMap<>(); Input Array: P@C, 1@2, 3@4, 1@5 31. What are Enums? 32. Can ratio class be able to change?									
Austin, TX	Quest global // Apple	81	81.Q	1. Tell me about past experience briefly. 2. What is priority in testing? When tests are configured parallel, in which priority tests are executed? 3. What is dependency in testing? 4. What is invocationorder in testing? 5. Given a webapplication 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 if 7. What would be the output of below code HashMap<String, String> hm = new HashMap<>(); Input Array: P@C, 1@2, 3@4, 1@5 8. What are Enums? 9. Can ratio class be able to change?									
				1. Tell me about past experience? 2. How will you design a framework to validate the 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 call in selenium? 11. Apart from send keys, is there any different ways to type content onto the editable field? 12. What is the complex task you have done in "testing" 13. Have you executed testcases parallel? 14. How to compare below list has same set of values when using equals method is failed ? [name= "one", attr1= ["a", "z"], "name", attr1= ["a", "z"]] [name= "one", attr1= ["a", "z"], "name", attr1= ["a", "z"]] 15. Coding test: Implement a logic for validating the correct behavior of a jubilee ? 16. Provided 2 locations(CSS XPath) and asked like Are they syntactically correct? Or what are they refers to? 17. What is the difference between selenium web automation and mobile automation? 18. Which language do you choose to automate? 19. If you were given a chance to develop a framework what framework you will be choose(CUC/Cucumber/ POM) why? 20. Some more questions asked based on ETAR format									
Helms Park, CA	Cognizant/ Etarda	83	83.C	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 testcases execution, for some reason you are not able to execute and sprint end date is approaching. Based on above answer, Sprint planned/ completed test stories are carry forwarded or moved to backlog? 4. How do you manage defect in sprint? 5. Explain about defect lifecycle? 6. Can tell about any achievements you have done in automation? 7. Can you tell me the difference between bold and tdd? 8. What you have done with in your projects bold or tdd? 9. How do you launch a mobile app in Appium? 10. Who is responsible for api launches and packages / library configurations in your project? 21. What is a test plan and what are the steps to create a test plan? 22. Why you have used soap ui and postman tools in same project? 23. Can you explain about different components you created in framework? 24. Have you created any web services framework? Explain? 25. Where you run your automation script? 26. How will you configure Jenkins job? 27. How you will schedule the deployment? 28. Can tell about selenium grid concept that you have used in your previous project? 29. Can you give some basic commands used in maven project? 30. What are the challenges you face in your project? 31. 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 testing? 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?									
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LOCATION	COMPANY	Q.NO	ROW ID	QUESTION
Pune	Nuance Communications Ltd.	124	124.N	What is Webdriver? 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 matching your project have you used or created customized exception
CA, USA	Hyrails	125	125.M	1. How will you run test 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	Cognemini	126	126.C	1. What is difference between group id and artifact id 2. Explain retry analyzer code 3. what is syntax of Ajax in BDD 4.how to generate html reports 5. Interface concept in Java
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 IntelliJ and Annydun? 7. Write a program to reverse each word on string using collection. 8. Give me some of JSP error code.
Arizona	walmart	128	128.W	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?
Chandigarh	Vertical software	130	130.V	1. How to write a test cases on ethernet port in PC? 2. Which tool 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
				1. Given a string suppose sahil Please sort it in alphabetical order without using any inbuilt. 2. arr = { 1, 3, 2, 5, 4 } arr={0:A,0:B} Given two arrays merge this two arrays into single array without using inbuilt methods 3. Employee -> emp_name,emp_id,emp_salary emp_name is A and id is 1 salary is 1 similarly upto emp_name is C id is salary 20. 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 do check whether it is selected or not if , 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 checkboxes) 6. What UNIX commands you have used can you please tell me
Bangalore	Mytelnet 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 interface used in selenium 5.What is testing life cycle 6.Which locators you used much during finding of elements Where do you used inheritance in selenium . 8. What is difference between Hash Map and Hash Set 9.What kind of exception you came across while testing . 10.What is meant by Thread 11.Explain the test matrices 12.How you perform double click 13.Explain about fast services 14.What is single tab 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 scroll down in selenium 20.Different types of Cope 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	How to manage link data passing through Jenkins 2.How will we run test data more than 1k with testNG 3.Test case addition method input and output for database
				White rats 1st year-Give birth to 2 rats, 2nd year-Give birth to 3 rats, 3rd year -Gies 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 Output:35 Input:4 50 Output:200 Explanation:White rats Initial no. of rats 5 1st year-5*2=10 2nd year=10*2+5=25 3rd year=25*2+10=50 Initial 5 rats die Black rats 1st year-5*2=20 2nd year=20*2+5=45 3rd year=45*2+20=110 difference in population of white and black rats 35-110=-75
Hyderabad	Deloitte	135	135.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 fail() in project When will you get null point exception error
Pune	LMS solution	137	137.L	1.what is collection, 2.tell me about TESTING annotation 3.String String + ASCII what is the out put 4.How to retrieve data from excel using dataprovider 5.what is the Recovery scenario in LIFT 6.twirling of testing.xml file? 7.How to run multiple method in parallel
Toronto	www.bentley.com/learn.html	138.T	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 employees given scenarios 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	ABIA	139	139.A	DP p5,10,20 10,47 Hi, can anyone help with these questions? DP p5,10,20 10,47 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 K 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? Explain the concept of Duck Typing in Python
Chennai	ACCENTURE	140	140.A	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 intersection of the two arrays. 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.
Pune	Zodac	141	141.Z	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, adda, adda) Output : The biggest palindrome is adda
Bangaluru	Cognemini	142	142.C	1. Difference between IntelliJ and IDEs 2. Which locator is preferable ? What is the criteria to use the locators ? 3. There's a webmaster Button It's id is abc how will you create xpath ? 4. Order of Testmg 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	<p>Capgemini Automation Profile (Share Location)</p> <p>***** ***** *****</p> <p>1. Write the o/p for below code: <code>String s1 = new String("abc"); String s2 = new String("ac"); System.out.println(s1 == s2); False StringBuffer sb1 = new StringBuffer(s1); System.out.println(sb1.equals(s2)); False String s3 = "abc"; s3.reverse(); System.out.println(s3); False</code></p> <p>2. What all OOPS Concept has been used in below Pgm. <code>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") } }</code></p> <p>3. Write Output for the below code: <code>@test(priority=0) @test(priority=10) @test(priority=70) @test(priority=-10) @test(priority=00) *****</code></p> <p>4. Write a program IndtZle45 to print in below format: <code>op: IndtZle45 *****</code></p> <p>5. get off - B Binary no. program ? Write a syntax to find 3rd highest salary . B Desired Capabilities Syntax.</p> <p>6. Open the google chrome and write a webn at the Testing Lucks .</p> <p>10. How to Setup and execute testcases in different Virtual Machine?</p> <p>11. How to Convert Hashmap to Array ? 12. What is HashMap? 13. How HashMap work internally.</p> <p>14. diff b/w j / j / js . How Failed TC will rerun Automatically.</p> <p>What is the use of constructor in java</p>
Canada	Accenturecanada	94	94_C	
Chombare	RPO software technology	145	145_C	Test scenario and test cases for selection colleges based on the department/year semester for AIOO donations
Hyperteked	teleforce hawsem west	148	148_C	Kadana's algorithm + find the largest sum of the sub-array in a given array of integers
Dubai	FDA Software	149	149_C	What is wrapper services and its benefits
Sanfrancisco, CA	Clear labs	149	149_C	Using Selenium Web driver please develop a test that navigates to https://www.expedia.com/ searches any query, and creates 3 assertions
				2. Using Postman, create a request that sends a GET request to the open weather map API. Here's the API URL: https://samples.openweathermap.org/data/2.5/weather?lat=39&lon=-98&appid=b61ac7fe61446f88270d02cfd94b16fa63ffab203
				3. Create a framework for API test automation, Add 3 assertions for validating response for Query to verify a Graph QL API.https://graphql.org/learn/queries/#intro
				4. Using Google Translate API, create a CLI tool to take as input a JSON file and a language, and returns JSON values into translated form
Mumbai	Obiva Tech	149	149_C	<p>1. Difference between Test Plan and Test Strategy.</p> <p>2. Explain Test management tool 3 Challenges faced in testing 4. Explain agile methodology</p> <p>5. How batch execution is done 8. Explain Automation framework used ? Continuous integration.</p> <p>8. Different type of testing experience 9. Explain database testing 10. SQL(group by) function</p> <p>13. Why random api queries 12. SQL(inner join) 13. Explain map in java</p> <p>14. Q/p for below program, <code>class A {int i ; class test { public static void main(String args[]) { A obj=new A(); System.out.println(i) } } // Q/p for below program, class A {void msg() {System.out.println("Hello"); } } class B {void msg() {System.out.println("Welcome"); } } class C extends A { } Public Static void main(String args[]){ C obj=new C(); obj.msg();How which msg() method would be invoked? }</code></p> <p>15. Q/p for below program <code>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(); } } } Automate the page and using PageObject</code></p>
NA	Boscare Generate	150	150_B	How do you perform Automation Code Review/ Walk Through in your project
Noida	Britsoft	151	151_A	<p>1.what is ECID and explain in detail about feature file and gherkin syntax</p> <p>2.Explain about runner class ?</p> <p>3.Type of background in cucumber?</p> <p>4.Cucumber tags ? And how to run different combinations of tags when multiple tags are present</p> <p>5.Difference betw scenarios and test scenarios Outline</p> <p>6.Difference betw Hooks & Tags</p>
				<p>8.How to parse a json</p> <p>2)How to parse a xml</p> <p>3)How to insert key value based upon some searching criteria</p> <p>4)Write code for conversion of json to xml and xml to json</p> <p>6)what do you mean by query parameter and path parameter</p> <p>7)what is the difference between put and patch</p> <p>7)what are the validation while API automation</p> <p>8)Explain your framework(Just Assumed)</p> <p>9)what do you mean my object notation and array notation in json</p> <p>10)write code for json Read</p> <p>11)what do you mean by PUT? why we use PUT?</p> <p>12)what do you mean by authentication and what are the types of authentication while API testing</p> <p>13)what is the difference between URI and URL</p> <p>14)How do you store result and use further in groovy scripting</p> <p>15)what do you mean by Test runner in Groovy scripting</p> <p>17)what is the Rest service architecture</p> <p>17)what is the soap service architecture</p> <p>18)what is the soap ui work hierarchy</p> <p>19)how to set and get property using groovy scripting</p> <p>20)what do you mean by JsonDecoder and XmlHolder</p> <p>21)How to convert json to Html table</p> <p>22)what do you mean by Data source Data Sink and Data Source loop and why do we use it</p> <p>23)How to handle SSL in SoapUI</p> <p>24)what are the different type of properties in SoapUI? how you declare using groovy scripting</p> <p>25)What is the main thing while API automation</p> <p>26)what do you mean by Webservices and why do we use Webservices.</p> <p>27)What is the difference between soap and Rest</p> <p>28) what do you mean by UDDI, and what do you mean by WSDL</p> <p>29)what are the different type of HTTP Methods.</p> <p>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 would I pass a particular ID from that json</p>
Mumbai	Tech Mahindra	153	153_T	<p>1. Why protector? When we have selenium</p> <p>2. What are the protector related locator?</p> <p>3. If answered above, then a question from a locator specific how to write a syntax of it and where we use</p> <p>Note : To me they asked about Locator Repeater. When we use it?</p> <p>4>About the Home locator and syntax of it? When we use it?</p> <p>5. Scenario: There are dynamic alert popups in a web page. Which we never know when the pop arise. How do you handle it?</p> <p>6. In a chrome, the xpath is working fine for specific element where as in IE the same xpath for the web element is not working. How do you handle in IE?</p> <p>7. How to use asserts in protector?</p> <p>8. How to fetch the value or data from an Excel for specific cell in a row?</p> <p>9. Where the project located in your company and how you process with it?</p> <p>10. Which is better merge or release?</p> <p>11. How to roll run the test without using Jenkins for every one hour?</p>
Bangalore	Cap Gemini	154	154_C	<p>1. What is meant by method overriding and how does JVM decide at run time which method to call.</p> <p>2. Give an example of method overriding in your framework</p> <p>3. What is method overloading and give an example of it in your project</p> <p>4. What is an interface and how have you used it in your framework</p> <p>5. What is object class and name some object class methods</p> <p>6. What is abstract class and why do we use it</p> <p>7. What is difference in interface and abstract class</p> <p>8. How will you handle several open windows through selenium</p> <p>9. What class does the getWindowHandles method belong to</p> <p>10. What methods are available in actions class and alert class</p> <p>11. How can you perform database validation that if your UI data has been updated correctly in the database or not through selenium</p> <p>12. How can you rerun only failed scripts in your framework</p>
Gurgaon	Toffee Insurance	155	155_T	<p>I appeared for Selenium with Python profile</p> <p>(What is the difference between puts and post?)</p> <p>2)Where we set python home?</p> <p>3)What is the difference between help and dir function?</p> <p>4)Explain framework.</p> <p>5)What is the difference between py and pyqt extension?</p>
Gurgaon	Toffee Insurance	156	156_T	<p>For API –</p> <p>1)What is the difference between put and post?</p> <p>2)What are environment variables?</p> <p>3)What are collections in postman?</p> <p>4)How to extract data from a webtable ?</p>
Bangalore	Publicis Sapient	157	157_B	<p>1. Brief intro about sap</p> <p>2. How and where have you used Over loading, overriding scenarios in your projects or where will you use?</p> <p>3. Write a program to find a factorial of a number using recursion</p> <p>4. What is the use of properties file</p> <p>5. Explain the framework structure that you had in your testing projects</p> <p>6. What are the testing annotations and explanation for each of it</p> <p>7. Pom.xml and its use</p> <p>8. Jenkins and its use</p> <p>9. Any experience in ECID</p> <p>10. Report generation techniques that you have used.</p> <p>11. Reverse a string</p> <p>12. How will you switch to a desired window</p> <p>13. How will you iterate through the windows</p> <p>14. Return type of window handles</p> <p>15. Types of alerts</p> <p>16. Name of the webdriver wait functions</p> <p>17. Locators</p> <p>18. Write the xpath of an element in any of the website</p>

LOCATION	COMPANY	QNO	QNO	QUESTION
Pune	Tech Mahindra	09	08_P	<p>"Technical round 1"</p> <ol style="list-style-type: none"> What all tasks you have used for automation? What is cross browser testing What is cross browser testing What I want to call static variables outside package How do you maintain repository Suppose I have a new machine what all things are required for BDD framework? What is difference between BDD and TestNG Suppose my client requirement is like execution should not stop even your test cases are failed, what will be your approach Suppose I have IOI scenarios and those scenarios are divided into 5 functionalities and I want to execute only 3 scenarios what will be your approach How you have used Encapsulation and abstraction in your framework What is method overriding and overloading If I want to fetch my test data without touching my testcases What is File class What is Page Object and Page factory <p>Technical round 2</p> <ol style="list-style-type: none"> What are technical challenges you have faced in the automation project and how did you overcome those Webscrowser driver = new ChromeDriver() Is this a valid statement justify? <p>Interview questions:-</p> <pre>Java- StringBuffer & StringBuider 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 it from Jenkins How to take screenshot of failed tc Profiling in maven Docker-- Swift payments WebDriver.mozlog,mzlog,mzlog2 STLC--</pre>
Bangalore	Mang	07	07_B	
Hyderabad	Satya Technologies	06	06_H	How to automate OTP in Selenium code
Gurgaon	MakemyTrip	02	02_G	<ol style="list-style-type: none"> Why do we need to write oss while giving the chrome driver path When do you get NoSuchElementException and StaleElementReference exceptions? How do you check logs for an application? What does "f" mean in the tail -f command?
Bangalore	ABC	180	180_B	<p>Difference between overload and overloading</p> <p>Can I override static method</p> <p>Can I override static method</p> <p>Where the code I want to make it immutable How I achieve it</p> <pre>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; } }</pre> <p>Can I execute multiple catch blocks without try will it give me compile time error</p> <p>How to achieve serialization and de serialization ??</p> <p>How do we convert json response into java in rest assured Can you write the code or explain</p> <p>Can we override equals method in java</p> <p>Sort the list in java</p> <p>I want to sort below employee name using Map<Employee, Integer> map1 = new HashMap<>();</p> <pre>map.put(new Employee("Shubham", 2000), 1); map.put(new Employee("Ravi", 2000), 2);</pre> <p>Where you have you used thread in selenium</p> <p>Do you know from which package or class thread.sleep() do we get</p> <p>Difference between hooks and tags</p> <p>Difference between scenario and Scenario outline</p> <p>Suppose there are 100 feature files will there be 100 Hooks to execute? Or is there any other solution</p> <p>How to pass the data externally by feature file or how to pass data from one feature file to another in cucumber</p> <p>Suppose while login the username and password the login button gets displayed after some time so code to write the wait in selenium</p> <p>What is expected conditions in wait code?? Class or interface</p> <p>What is marker interface in java</p> <p>How can we compare two test with regression test case name or tag name</p> <p>What is JUnit why it is used</p> <p>What is meant by DevOps??</p>
Pune	Amdocs	181	181_P	<ol style="list-style-type: none"> What is TDD & BDD How can we login with different usernames using OOD & BDD What is extent reports Example of Given & S Then SDLC What is Maven? Why we use it? API Que Explain HTTP methods? Difference between PUT & POST? When we get 200 & 400 status code? How can we authenticate correct response? Real time example of PUT/POST? <p>Explain SQLCY Defect/bug life cycle what is deferred bug?</p> <p>Difference between SELECT, UPDATE, INSERT, DELETE</p> <p>How will you get this data from table rows "</p>

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Date		Time		Location		Weather		Wind		Temperature		Humidity		Pressure		Visibility		Clouds		Precipitation		Other	
1	2023-01-01	08:00	16:00	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	
2	2023-01-02	08:00	16:00	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	
3	2023-01-03	08:00	16:00	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	
4	2023-01-04	08:00	16:00	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	
5	2023-01-05	08:00	16:00	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	
6	2023-01-06	08:00	16:00	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	
7	2023-01-07	08:00	16:00	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	
8	2023-01-08	08:00	16:00	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	
9	2023-01-09	08:00	16:00	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	
10	2023-01-10	08:00	16:00	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	
11	2023-01-11	08:00	16:00	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	
12	2023-01-12	08:00	16:00	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	
13	2023-01-13	08:00	16:00	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	
14	2023-01-14	08:00	16:00	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	
15	2023-01-15	08:00	16:00	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	
16	2023-01-16	08:00	16:00	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	
17	2023-01-17	08:00	16:00	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	

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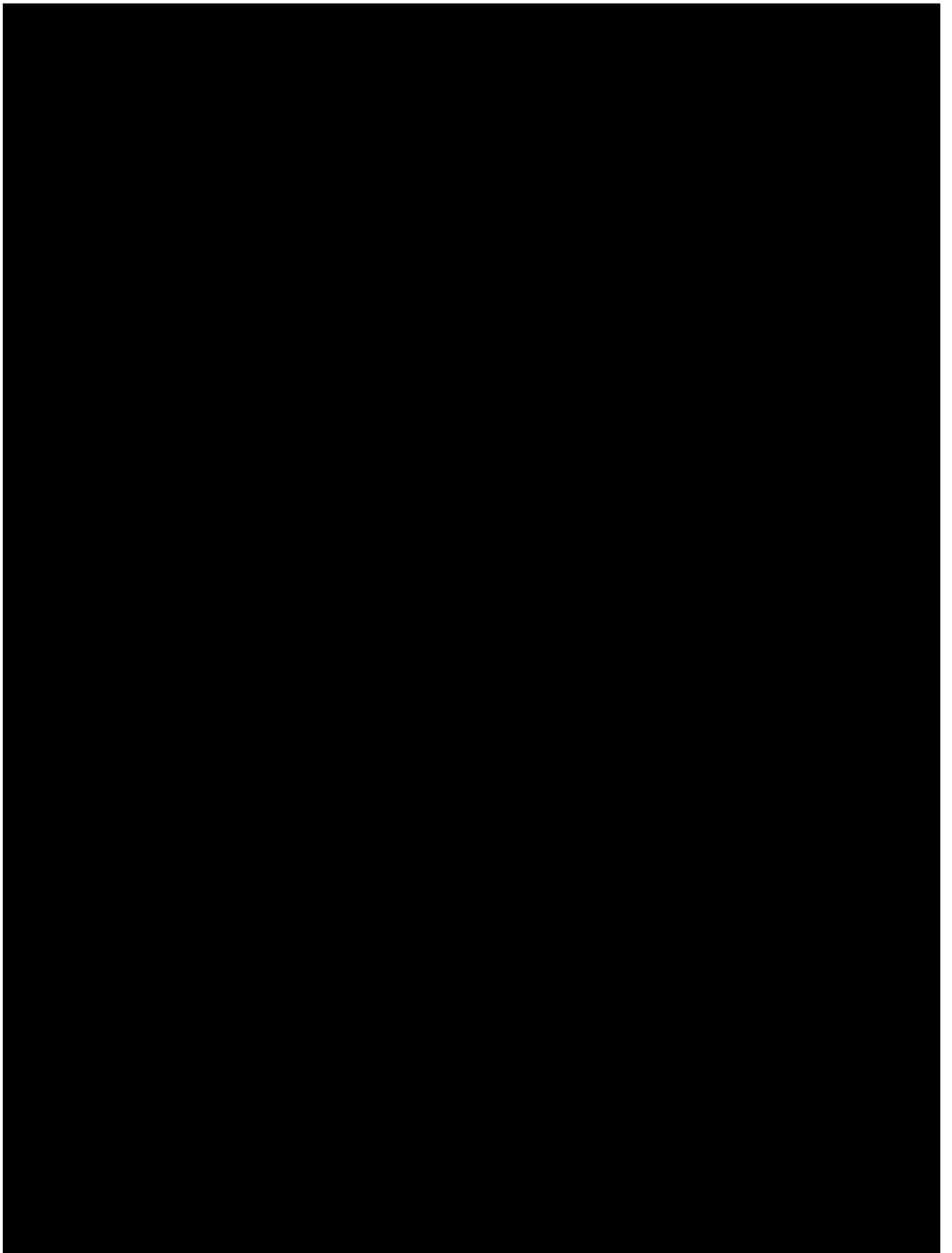
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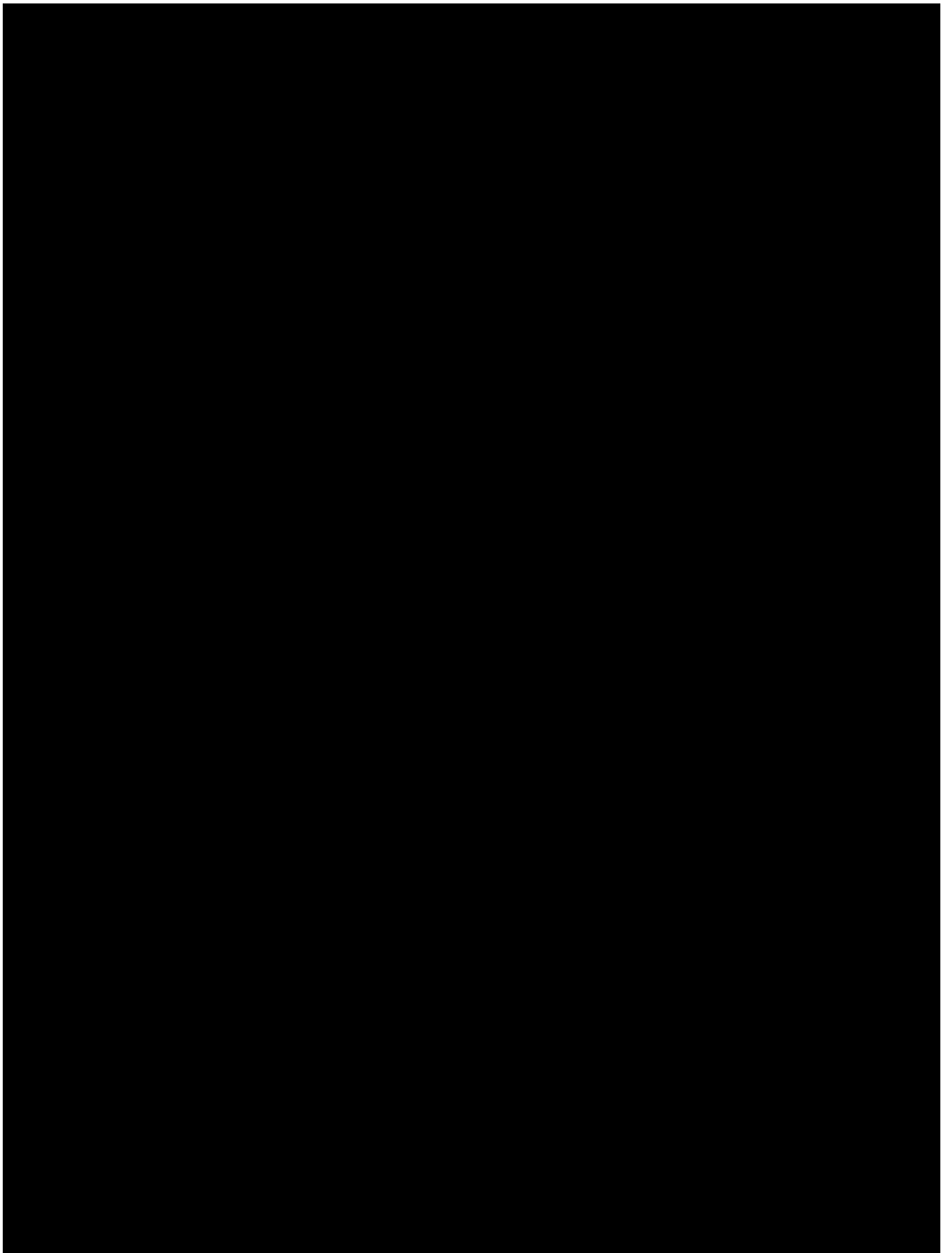
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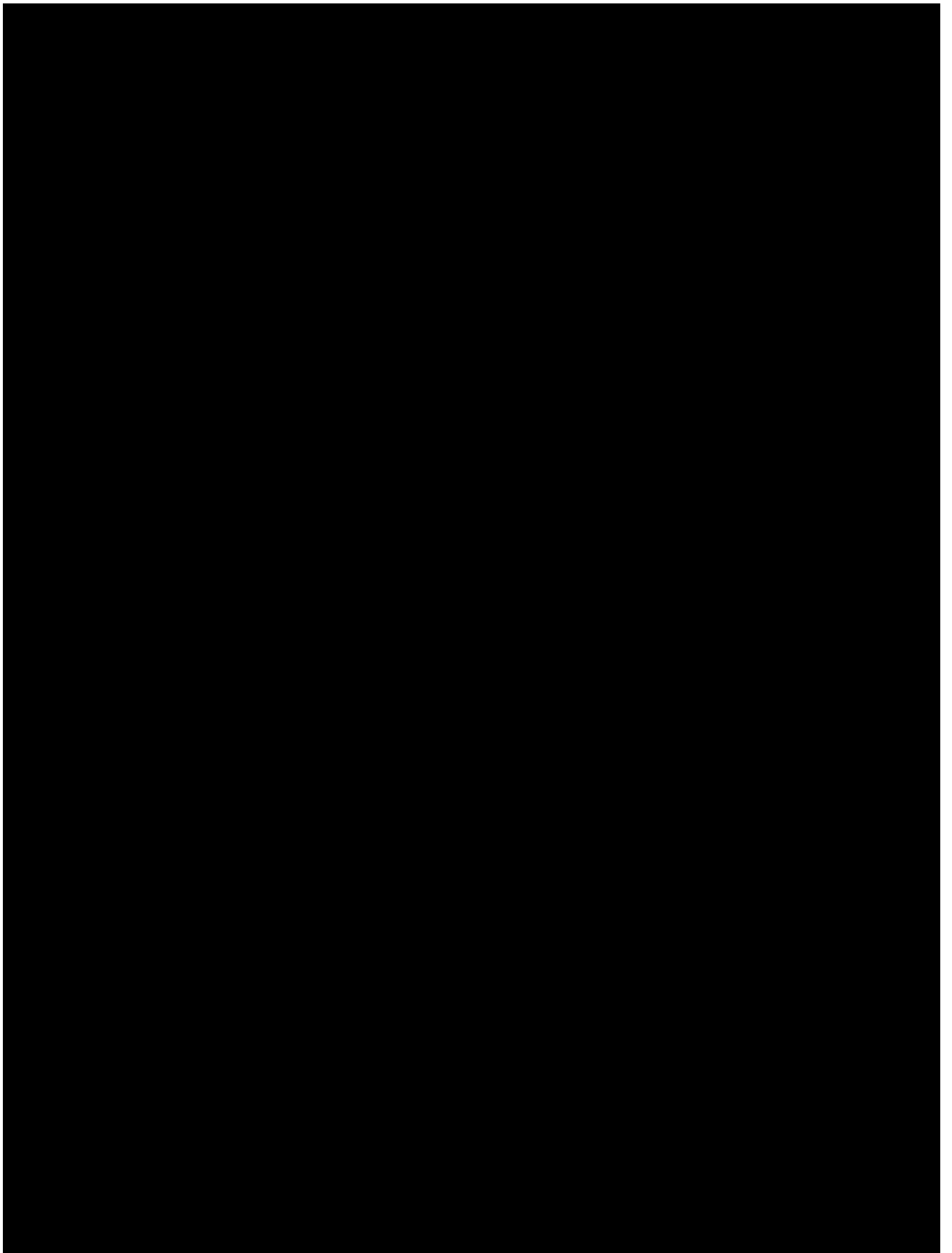
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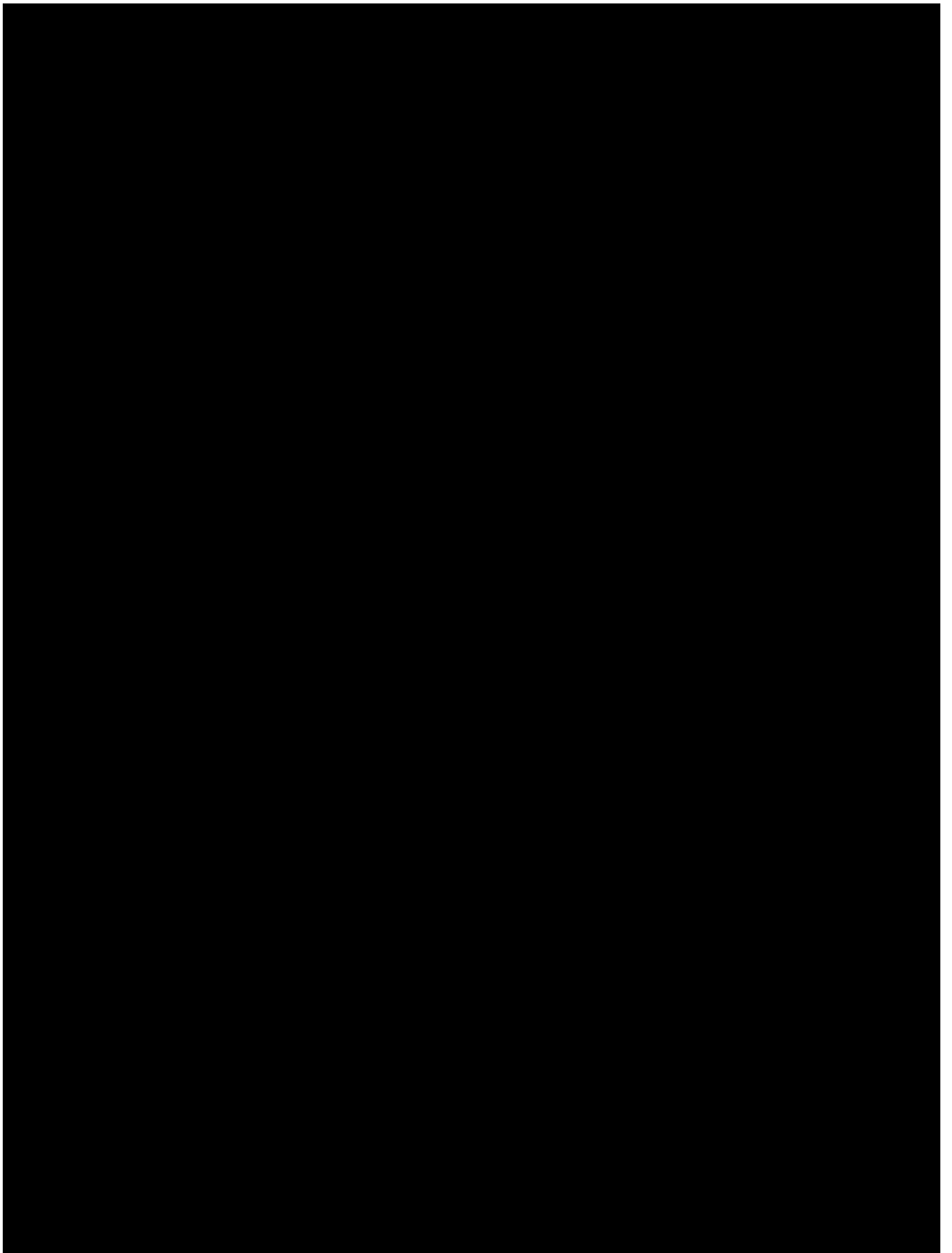
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Exercise#	Problem set
Coding Exercise-01	1: Print HELLO for the given string "AHCECLWLXO"
	2: Print HELLO in CAPITAL letters for the given string "ahceclwlxo"
Coding Exercise-02	1: Print all the numbers between -15 to 10.
	2: Ask user to enter a number 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), (9,8) - 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") → "hotlave"
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 fyuyz" → 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 '0' for its missing char. Ex1:("last", "chars") → "ls" Ex2:("yo", "java") → "ya" Ex3:("hi", "") → "h0"
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") → "AAABbbbbb" 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	<p>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.</p> <p>Ex1: ("abc") → "bca" Ex2: ("tca") → "cat" Ex3: ("tcagdo") → "catdog" Ex3: ("abcdef") → "bcaefd"</p>
Coding Exercise-20	<p>Return the sum of the numbers in the array.</p> <p>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.</p> <p>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</p>
Coding Exercise-21	<p>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.</p> <p>Ex1:(4) → [0, 1, 2, 3] Ex2:(1) → [0] Ex3:(10) → [0, 1, 2, 3, 4, 5, 6, 7, 8, 9] Ex4:(0) → [0]</p>
Coding Exercise-22	<p>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.</p> <p>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</p>
Coding Exercise-23	<p>Return an array that is "left shifted" by one. You may modify and return the given array, or return a new array.</p> <p>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]</p>
Coding Exercise-24	<p>Ask user to input length of an array, for example start=1 and end=5</p> <p>1: Construct an array of 4 elements i.e. 1,2,3,4 2: Return a new String[] array as stated above, except</p> <p>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".</p> <p>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"]</p>
Coding Exercise-25	<p>Given an array length 1 or more of ints, return the difference between the largest and smallest values in the array.</p> <p>Ex1: [10, 3, 5, 6] → 7 Ex2: [7, 2, 10, 9] → 8 Ex3: [2, 10, 7, 2] → 8</p>
Coding Exercise-26	<p>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.</p> <p>Ex1: [1, 2, 2] → 5 Ex2: [1, 2, 2, 6, 7] → 5 Ex3: [1, 1, 6, 7, 2] → 4</p>
Coding Exercise-27	<p>Given an array of ints, return true if every element is a 1 or a 4.</p> <p>Ex1:only14([1, 4, 1, 4]) → true Ex2:only14([1, 4, 2, 4]) → false Ex3:only14([1, 1]) → true</p>
Coding Exercise-28	<p>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.</p> <p>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</p>
Coding Exercise-29	<p>Return true if the array contains three increasing adjacent numbers like.</p> <p>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</p>

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

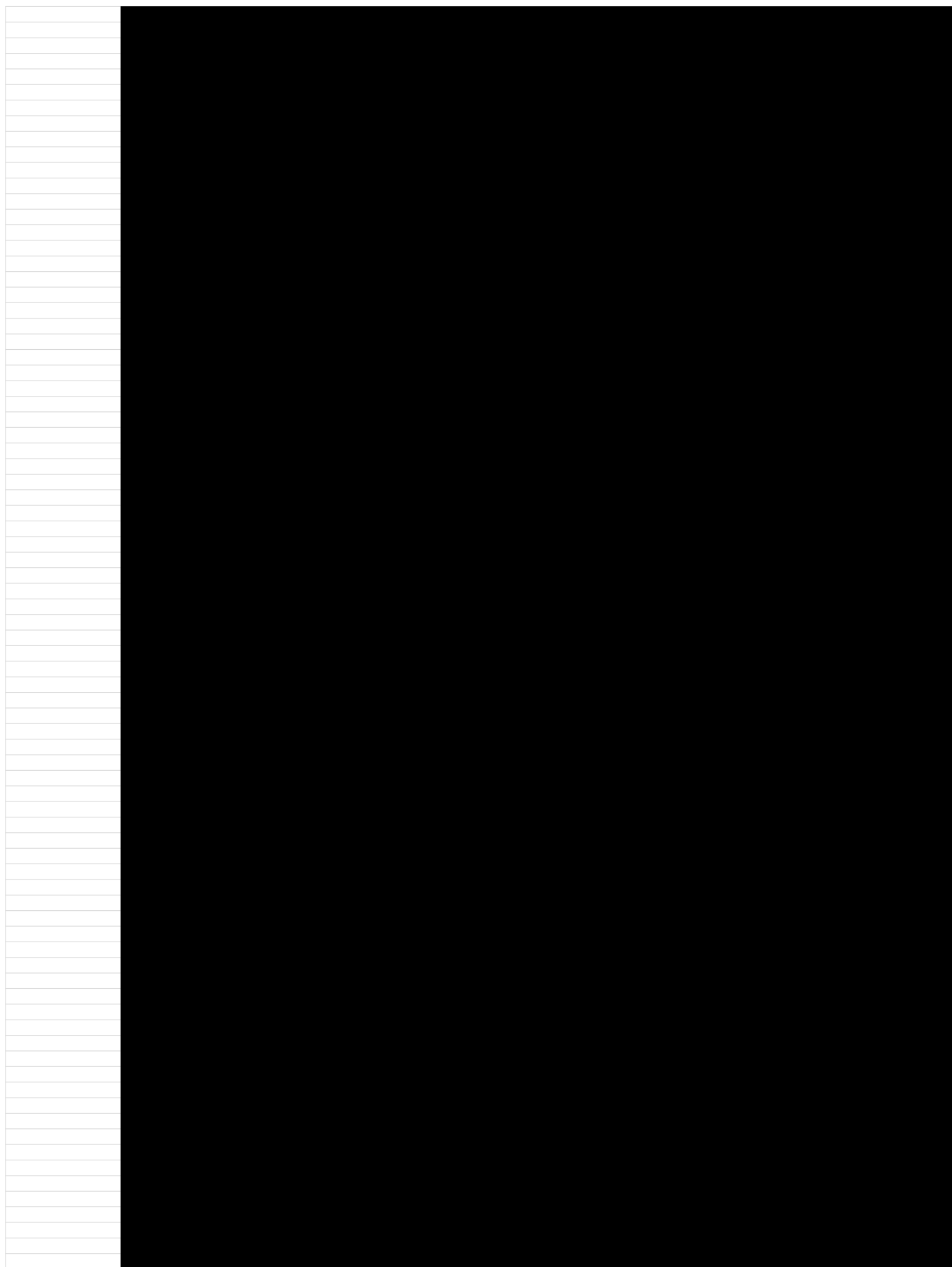
Coding Exercise-36 Write a Java program to form the largest number from a given list of non negative integers.
 Ex1: Input[1,2]→ Output [21]
 Ex2: Input[3,4,7]→ Output [743]
 Ex3: Input[8,1,4,6]→ Output [8641]
 Ex4: Input[6,1,3,7,9]→ Output [97631]
 Ex5: Input[1,2,3,0,4,6]→ Output [643210]

Coding Exercise-37	<p>Find the sum of even and odd numbers in the given array.</p> <p>Ex1: Input[1,2]→ Output evenSum= 1, oddSum=2</p> <p>Ex2: Input[3,4,7]→ Output evenSum= 4, oddSum=10</p> <p>Ex3: Input[8,1,4,6]→ Output evenSum= 18, oddSum=1</p> <p>Ex4: Input[6,1,3,7,9]→ Output evenSum= 6, oddSum=18</p> <p>Ex5: Input[1,2,3,0,4,6]→ Output evenSum= 12, oddSum=1</p>
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Coding Exercise-38

Coding Exercise-39

[illegible]



[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

<p>Coding Exercise-34</p> <p>Return the number of clumps in the given arrays.</p> <p>A "clump" in an array is a series of 2 or more adjacent elements of the same value.</p> <p>Ex1: clumps[1, 2, 2, 3, 4, 4] → 2 Ex2: clumps[1, 1, 2, 1, 3] → 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, 1] → 4</p>	<pre> public class ClumpArray { public static void main(String args[]) { boolean match = false; int aj[] = {1, 2, 2, 3, 4, 4}; int clumcount = 0; for (int i = 0; i < a.length - 1; i++) { if (aj[i] == aj[i+1] && !match) { match=true; clumcount++; } else if (aj[i] != aj[i+1]) { match=false; } } System.out.println(clumcount); } } </pre>		
<p>Coding Exercise-35</p> <p>Ask user to enter a positive integer and then display the Fibonacci series of numbers from 0 to user-specified number.</p> <p>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]</p>			
<p>Coding Exercise-36</p> <p>Write a Java program to form the largest number from a given list of non negative integers.</p> <p>Ex1: Input[1,2] → Output [21] Ex2: Input[3,4,7] → Output [743] Ex3: Input[1,4,6] → Output [654] Ex4: Input[13,79] → Output [97831] Ex5: Input[1,2,3,0,4,6] → Output [843210]</p>	<pre> import java.util.*; public class Largest { public static String In (int[] num) { String[] array_nums = Arrays.stream(num).mapToObj(String::valueOf).toArray(); Arrays.sort(array_nums, (String str1, String str2) -> (str2.compareTo(str1))); return Arrays.stream(array_nums).reduce((a, b) -> a.equals("0") ? b : a + b).print(); } public static void main(String[] args) { int[] nums = {1, 2, 3, 0, 4, 6}; System.out.println("Original array: "+Arrays.toString(nums)); System.out.println("Largest number using the said array numbers: "+In(nums)); } } </pre>	<pre> def maxnum(a): a.sort(reverse=True) num = "" for i in a: num = str(num)+str(i) return num array_nums = [1,2,3,0,4,6] print(maxnum(array_nums)) </pre>	
<p>Coding Exercise-37</p> <p>Find the sum of even and odd numbers in the given array.</p> <p>Ex1: Input[5] → 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[6,1,3,2,8] → Output evenSum= 6, oddSum=18 Ex5: Input[1,2,3,0,4,6] → Output evenSum= 12, oddSum=1</p>	<pre> int aj[] = {1, 2, 3, 0, 4, 6}; System.out.println("Even Sum : " + Arrays.stream(a).filter(x -> x % 2 == 0).sum()); System.out.println("Odd sum : " + Arrays.stream(a).filter(x -> x % 2 != 0).sum()); </pre>	<pre> input = [1,2,3,0,4,6] print("Even Sum : " + sum(list(filter(lambda i:%2==0,input)))) print("Odd sum : " + sum(list(filter(lambda i:%2!=0,input)))) </pre>	