**Q:-1**

**Java Program to Read The Number From Standard Input**

**Q:-2**

**Java Program to Get Input from the User**

**Q:-3**

**Java Program to Multiply Two Floating-Point Numbers**

**Q:-4**

**Java Program to Swap Two Numbers**

**Q:-5**

**Java Program to Add Two Binary Strings**

**Q:-6**

**Java Program to Add Two Complex Numbers**

**Q:-7**

**Java Program to Check Even or Odd Integers**

**Q:-8**

**Java Program to Find Largest Among 3 Numbers**

**Q:-9**

**Java Program to Find LCM of 2 numbers**

**Q:-10**

**Java Program to Find GCD or HCF of 2 numbers**

**Q:-11**

**Java Program to Display All Prime Numbers from 1 to N**

**Q:-12**

**Java Program to Check Leap Year**

**Q:-13**

**Java Program to Check Palindrome given number.**

**Q:-14**

**Java Program to Check Armstrong Number between Two Integers**

**Q:-15**

**Java Program to Check whether the input number is a Neon Number.**

**Q:-16**

**Java Program to Check whether the input character is vowel or consonant.**

**Q:-17**

**Write a program to find the sum of n natural numbers**

**Q:-18**

**Java Program to Find Factorial of a number**

**Q:-19**

**Java Program to Find Even Sum of Fibonacci Series Till number N**

**Q:-20**

**Java Program to Calculate Simple Interest**

**Q:-21**

**Java Program to Calculate Compound Interest**

**Q:-22**

**Java Program to Find the Perimeter of a Rectangle**

**Q:-23**

**Java Program to Find Quotient and Remainder:**

**Q:-24**

**Java Program to Calculate the Power of a Number:**

**Q:-25**

**Permutation and Combination Program**

**Q:-26**

**Mirror Inverse Program in Java**

**Q:-27**

**How to Reverse a Number in Java**

**Q:-28**

**How to Print ASCII Value in Java**

**Q:-29**

**Java Program to Check if a Given Number is Perfect Square**

**Q:-30**

**Java Program to Check if a Number is Positive or Negative**

**Q:-31**

**Write a Java program that takes a number as input and prints its multiplication table up to 10.**

**TInput a number: 8**

**Expected Output: 8 x 1 = 8 8 x 2 = 16 8 x 3 = 24 ... 8 x 10 = 80**

**Q:-32**

**write a program to count number of digits present in a given integer value.**

**Input:-123**

**Output-3**

**Q:-33**

**Write a program to print all digits of a given integer value.**

**Input:-123**

**Output-3**

**2**

**1**

**Q:-34**

**Write a program to print a particular digit in a given position from given integer value.**

**Input:-123456**

**2**

**Output-5**

**Q:-35**

**Write a Java program to print the area and perimeter of a circle.**

**Test Data: Radius = 7.5**

**Area is = 176.71458676442586**

**Expected Output Perimeter is = 47.12388980384689**

**Q:-36**

**Write a Java program that takes three numbers as input to calculate and print the average of the numbers.**

**Input:-123456**

**Output:-3**

**Q:-37**

**Write a Java program and compute the sum of an integer's digits. Input Data: Input an integer: 25 Expected Output**

**The sum of the digits is: 7**

**Q:-38**

**Write a Java program to print numbers between 1 and 100 divisible by 3, 5 and both.**

**Sample Output:**

**Divided by 3:**

**3, 6, 9, 12, 15, 18, 21, 24, 27, 30, 33, 36, 39, 42, 45, 48, 51, 54, 57, 60, 63, 66, 69, 72, 75, 78, 81, 84, 87, 90, 93, 96, 99.**

**Divided by 5:**

**5, 10, 15, 20, 25, 30, 35, 40, 45, 50, 55, 60, 65, 70, 75, 80, 85, 90, 95.**

**Divided by 3 & 5:**

**15, 30, 45, 60, 75, 90**

**Q:-40**

**Write a Java program that takes a number from the user, number should be an integer between 1 and 7. It displays the weekday name.**

**Input:-3**

**Output:- Wednesday**

**Q:-41**

**Write a Java program to find the number of days in a month.**

**Input a month:- 2**

**Input a year: 2016**

**Expected Output:- February 2016 has 29 days.**

**Q:-42**

**Write a program to convert decimal to any base, like decimal to octal.**

**Q:-43**

**Write a program to convert any base to decimal, like octal to decimal.**

**Q:-44**

**Write a program to convert any base to any base, like binary to octal.**

**Q:-45**

**Write a program to add to any base. like the addition of two octal values.**

**Q:-46**

**Write a program to subtract any base. like the subtraction of two octal values.**

**Q:-47**

**Write a program to multiply any base. like the multiplication of two octal values.**

**Q:-48**

**Print the following Pattern.**

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**Q:-49 Print the following Pattern.**

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**\*\***

**\*\*\***

**\*\*\*\***

**\*\*\*\*\***

**Q:-50 Print the following Pattern.**

**1**

**12**

**123**

**1234**

**12345**

**Q:-51 Print the following Pattern.**

**1**

**22**

**333**

**4444**

**55555**

**666666**

**Q:-52 Print the following Pattern.**

**\*\*\*\*\*\***

**\*\*\*\*\***

**\*\*\*\***

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**\*\***

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**Q:-53 Print the following Pattern.**

**123456**

**12345**

**1234**

**123**

**12**

**1**

**Q:-54 Print the following Pattern.**

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**Q:-55 Print the following Pattern.**

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**Q:-56 Print the following Pattern.**

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**\* \* \* \***

**\* \* \***

**\* \***

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**Q:-57 Print the following Pattern.**

**1**

**0 1**

**1 0 1**

**0 1 0 1**

**1 0 1 0 1**

**Q:-58 Print the following Pattern.**

**1 1**

**12 21**

**123 321**

**1234 4321**

**1234554321**

**Q:-59 Print the following Pattern.**

**1**

**2 3**

**4 5 6**

**7 8 9 10**

**11 12 13 14 15**

**Q:-60 Print the following Pattern.**

**A**

**A B**

**A B C**

**A B C D**

**A B C D E**

**A B C D E F**

**Q:-61 Print the following Pattern.**

**A B C D E F**

**A B C D E**

**A B C D**

**A B C**

**A B**

**A**

**Q:-62 Print the following Pattern.**

**A**

**B B**

**C C C**

**D D D D**

**E E E E E**

**F F F F F F**

**Q:-63 Print the following Pattern.**

**5**

**5 4**

**5 4 3**

**5 4 3 2**

**5 4 3 2 1**

**Q:-64 Print the following Pattern.**

**E**

**E F**

**E F E**

**E F E D**

**E F E D C**

**Q:-65 Print the following Pattern.**

**A**

**ABA**

**ABCBA**

**ABCDCBA**

**ABCDEDCBA**

**Q:-66 Print the following Pattern.**

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**Q:-67 Print the following Pattern.**

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**Q:-68 Print the following Pattern.**

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