**Programs of Java done by me**

|  |  |  |
| --- | --- | --- |
| 1. | WAP to add two numbers. | ✔️ |
| 2. | WAP to add two numbers without using ‘+’ operator. | ✔️ |
| 3. | WAP to move the ball five step up and five step down. | ✔️ |
| 4. | WAP to convert (feet to inch) and (inch to feet). | ✔️ |
| 5. | WAP to convert Celsius to Fahrenheit. | ✔️ |
| 6. | WAP to swap 3 numbers. | ✔️ |
| 7. | WAP to reverse 3 digit numbers without loop. | ✔️ |
| 8. | WAP to add 2 Complex numbers. | ✔️ |
| 9. | WAP to convert (Character to binary) And (Binary to Decimal) | ✔️ |
| 10 | WAP to Calculate SI where P and T is Object type and R is double type. | ✔️ |
| 11 | WAP to Calculate Compound interest where R and T is object type and other are float type. | ✔️ |
| 12 | WAP Calculate electricity bill where unit price, total consumption pass from CMD argument. | ✔️ |
| 13 | WAP Multiply 2 complex numbers accept string input from command line. | ✔️ |
| 14 | WAP to calculate area of circle where radius will be string type and calculation stored in string type. | ✔️ |

**Ternary Operator and if-else Program**

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| --- | --- | --- |
| 15 | WAP to check leap year. | ✔️ |
| 16 | WAP to check that character is numeric or alphabet. | ✔️ |
| 17 | WAP to check that number is +ve or -ve. | ✔️ |
| 18 | WAP to check vowel or consonant. | ✔️ |
| 19 | WAP to find greatest number from 3 numbers. | ✔️ |
| 20 | WAP to Calculate the square if number is even and calculate Cube  if number is odd. | ✔️ |
| 21 | WAP to check that two 3 digit number is anagram or not. | ✔️ |
| 22 | WAP to convert a String(our name) into binary code. | ✔️ |
| 23 | WAP to find Maximum from 5 different digits.(using if-else) | ✔️ |
| 24 | WAP to check Vowel or Consanent without logical operator. | ✔️ |
| 25 | WAP to add grace marks if number is >=28&&<33 otherwise display normal marks. | ✔️ |
| 26 | WAP to check Divisibility by 3,5and 9.(using multiple if). | ✔️ |

**If-else Project**

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| --- | --- | --- |
| 27 | WAP to create Marksheet of Student. | ✔️ |
| 28 | WAP to create ATM (Credit, debit, check balance). | ✔️ |
| 29 | WAP to find middle value form 3 numbers. | ✔️ |

**Switch-case Programs**

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| --- | --- | --- |
| **30** | WAP to cerate ATM. | ✔️ |
| **31** | WAP to create Calculator of arithmetic operation | ✔️ |
| **32** | WAP to check Divisibility of 3,5,and 9. | ✔️ |
| **33** | WAP to convert character into opposite case. | ✔️ |
| **34** | WAP to find Greater numbers(from 2 numbers.) | ✔️ |
| **35** | WAP to find Greatest numbers(from 3 numbers.) | ✔️ |
| **36** | WAP to check Leap year. | ✔️ |
| **37** | WAP to check character is numeric or alphabet. | ✔️ |
| **38** | WAP to check numbers is +ve or -ve. | ✔️ |
| **39** | WAP to check vowel consonant | ✔️ |
| **40** | WAP to Calculate the square if number is even and calculate Cube  if number is odd | ✔️ |
| **41** | WAP to choose Social media platform. | ✔️ |

**Loop Programs(by both for and while )**

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| --- | --- | --- |
| 42 | WAP to reverse the number. | ✔️ |
| 43 | WAP to Calculate Square and Cube of one digit positive number. | ✔️ |
| 44 | WAP to convert any decimal number into binary. | ✔️ |
| 45 | WAP to convert binary to Decimal number. | ✔️ |
| 46 | WAP to check 2 numbers are anagram or not. | ✔️ |
| 47 | WAP to find max, 2nd max, 3rd max digit from mobile number. | ✔️ |
| 48 | WAP to check prime number without using third variable. | ✔️ |
| 49 | WAP to display prime numbers from Fibonacci series. | ✔️ |

**Nested loop (Nested for loop)**

|  |  |  |
| --- | --- | --- |
| 50 | 54321 Pattern  5432  543  54  5  54321 Pattern  4321  321  21  1 | ✔️  ✔️ |
| 51 | 12345 Pattern  1234  123  12  1 | ✔️ |
| 52 | 12345 Pattern  5432  123  54  1 | ✔️ |
| 53 | \*\*\*\*\* Pattern  @@@@  \*\*\*  @@  \* | ✔️ |
| 54 | ABCDE Pattern  Abcd  ABC  Ab  A | ✔️ |
| 55 | AbBcC  AbBc  AbB  Ab  A | ✔️ |
| 56 | 10010  1001  100  10  1 | ✔️ |
| 57 | ABCDE  BCDE  CDE  DE  E | ✔️ |
| 58 | abcde  bcde  cde  de  e | ✔️ |
| 59 | 11114  1113  112  11  1 | ✔️ |
| 60 | 12211  1212  122  12  1 | ✔️ |
| 61 | \*  \*\*\*  \*\*\*\*\*  \*\*\*\*\*\*\* | ✔️ |
| 62 | Series of Prime number. | ✔️ |
| 63 | Series of Table | ✔️ |
| 64 | Lift Program | ✔️ |
|  |  |  |
| 65 | Print A using \* | ✔️ |
| 66 | Print B using \* | ✔️ |
| 67 | Print C using \* | ✔️ |
| 68 | Print D using \* | ✔️ |
| 69 | Print E using \* | ✔️ |

**Array**

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| --- | --- | --- |
| 70 | Sum of Array element. | ✔️ |
| 71 | Find the second Max element in array | ✔️ |
| 72 | Calculate sum of even elements and odd elements in array | ✔️ |
| 73 | Find duplicate elements in Array but display it once | ✔️ |
| 74 | Count the frequency of each element in array and also print high frequency element | ✔️ |
| 75 | Sort the element of array using single loop | ✔️ |
| 76 | Merge 2 array in one array | ✔️ |
| 77 | Display unique elements in an array | ✔️ |
| 78 | Display prime elements in the array | ✔️ |
| 79 | Convert all array elements in binary code | ✔️ |
| 80 | Display Max prime element in array | ✔️ |
| 81 | Split one array into three different sub array | ✔️ |
| 82 | Merge 3 Array in a 1 Array. | ✔️ |
| 83 | Display string array’s all element in reverse order. | ✔️ |
| 84 | Display String array in a reverse order. | ✔️ |
| 85 | Display only palindrom string from string Array | ✔️ |
| 86 | Count frequency of each character in a string array for a particular string element. | ✔️ |

**Array Part 2**

|  |  |  |
| --- | --- | --- |
| 87 | WAP to display matrix of row\*col | ✔️ |
| 88 | Check Char Arrya is palindrome or not. | ✔️ |
| 89 | Multiplication of Square Matrix. | ✔️ |
| 90 | Count prime numbers in a Matrix. | ✔️ |
| 91 | Find and display the Max element of each row of Matrix. | ✔️ |
| 92 | Find the frequency of each character in a String. | ✔️ |
| 93 | Find the frequency of each character in particular String of String Array and whole String array. | ✔️ |
| 95 | Take input in jagged array and print whole jagged array. | ✔️ |
| 96 | Convert jagged array to single array. | ✔️ |
| 97 | Convert single array to jagged array where minimum 2 element in a row. (means only 1 row in jagged array.) | ✔️ |
| 98 | Convert single array to jagged array where minimum 2 element in a row and row taken by user(jagged array should have n row). | ❌ |

**Array Part 3**

|  |  |  |
| --- | --- | --- |
| 99 | Create a Stack using Array. | ✔️ |
| 100 | Create a Queue using Array. | ✔️ |
| 101 | Create a program to INSERT new element in array form beginning, on Specific position, and in last. | ✔️ |
| 102 | Create a program to DELETE existed element in array form beginning, from Specific position, and from last. | ✔️ |