**Princy Marvaniya**

**MCA**

**85**

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| Q-1 | wap to chack given string is pelindrome or not |
| ANS | import java.io.\*;  import java.util.Scanner;  class Palindrome  {  public static void main(String j[])  {  String original, reverse = "";  Scanner in = new Scanner(System.in);  System.out.println("Enter a stringto check if it is a palindrome");  original = in.nextLine();  int length = original.length();  for ( int i = length - 1; i >= 0; i-- )  reverse = reverse + original.charAt(i);  if (original.equals(reverse))  System.out.println("Entered string is a palindrome.");  else  System.out.println("Entered string isn't a palindrome.");  }  } |
| Q-2 | wap to chack if given number is prime or not |
| ANS | import java.io.\*;  import java.util.Scanner;  class Palindrome  {  public static void main(String j[])  {  String original, reverse = "";  Scanner in = new Scanner(System.in);  System.out.println("Enter a stringto check if it is a palindrome");  original = in.nextLine();  int length = original.length();  for ( int i = length - 1; i >= 0; i-- )  reverse = reverse + original.charAt(i);  if (original.equals(reverse))  System.out.println("Entered string is a palindrome.");  else  System.out.println("Entered string isn't a palindrome.");  }  } |
| Q-3 | wap to calculate factorial of number |
| ANS | import java.io.\*;  import java.util.Scanner;  class fact  {  public static void main(String j[])  {  Scanner sc=new Scanner(System.in);  System.out.println("Enter the number: ");  int num=sc.nextInt();  int i=1,fact=1;  while(i<=num)  {  fact=fact\*i;  i++;  }  System.out.println("Factorial of the number: "+fact);  }  } |
| Q-4 | wap to find sum of digit of givn number |
| ANS | import java.io.\*;  import java.utill.Scanner;  class sum  {  public static void main(String j[])  {  Scanner s=new Scanner(System.in);  System.out.println("Enter first number");  int n1=s.nextInt();  System.out.println("Enter second number");  int n2=s.nextInt();  int sum=n1+n2;  System.out.println("sum is"+sum);    }  } |
| Q-5 | wap to count number of vovles and consonant fromgiven strings |
| ANS |  |
| Q-6 | implemant any 2 pattern(5 marks) |
| ANS | import java.io.\*;  class pattern  {  public static void main(String args[])  {    int i, j, row=6;  for(i=0; i<row; i++)  {    for(j=0; j<=i; j++)  {    System.out.print("\* ");  }  System.out.println();  }  }  } |
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