JAVA PROGRAMMING

horizontal line

**Write a Java Program to Swap Two Numbers**

| import java.util.Scanner;  class test  {  public static void main(String args[ ])  {  int temp;  Scanner s=new Scanner(System.in);  System.out.print("Enter number 1 : ");  int a=s.nextInt();  System.out.print("Enter number 2 : ");  int b=s.nextInt();  temp=a;  a=b;  b=temp;  System.out.println("number 1 :: "+a);  System.out.println("number 2 :: "+b);  }  } | **OUTPUT**  Enter number 1 : 34  Enter number 2 : 45  number 1 :: 45  number 2 :: 34 |
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**Write Java Program to Check whether input character is vowel or consonant**

| import java.util.Scanner;  class test  {  public static void main(String args[ ])  {  Scanner s=new Scanner(System.in);  System.out.print("Enter a character : ");  char ch=s.next().charAt(0);  if(ch=='a' || ch=='e' || ch=='i' || ch=='o' || ch=='u')  {  System.out.print(ch+" is a vowel");  }  else  {  System.out.print(ch+" is a consonant");  }  }  } | **OUTPUT**  Enter a character : a  a is a vowel  Enter a character : h  h is a consonant |
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**Write a Java code to print Fibonacci sequence till number N.**

| import java.util.Scanner;  class test  {  public static void main(String args[ ])  {  int a=1,b=2,c;  Scanner s=new Scanner(System.in);  System.out.print("Enter a range : ");  int n=s.nextInt();  for(int i=1;i<=n;i++)  {  System.out.println(a);  c=a+b;  a=b;  b=c;  }  }  } | **OUTPUT**  Enter a range : 10  1  2  3  5  8  13  21  34  55  89 |
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**Write a Java program to print reverse number of input number.**

| import java.util.Scanner;  class test  {  public static void main(String args[ ])  {  int r,rev=0;  Scanner s=new Scanner(System.in);  System.out.print("Enter a number : ");  int n=s.nextInt();  while(n!=0)  {  r=n%10;  rev=rev\*10+r;  n=n/10;  }  System.out.println("reverse number :: "+rev);  }  } | **OUTPUT**  Enter a number : 5678  reverse number :: 8765 |
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**Write a Java program to print pattern which as follows**

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| import java.util.\*;  class test  {  public static void main(String args[ ])  {  Scanner s=new Scanner(System.in);  System.out.print("Enter a number : ");  int n=s.nextInt();  for(int i=1;i<=n;i++)  {  for(int j=1;j<=i;j++)  {  System.out.print("\* ");  }  System.out.println( );  }  }  } | **OUTPUT**  Enter a number : 4  \*  \* \*  \* \* \*  \* \* \* \* |
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**write a program to print even numbers and print its sum.**

| import java.util.Scanner;  class test  {  public static void main(String args[ ])  {  int sum=0;  Scanner s=new Scanner(System.in);  System.out.println("Enter a range : ");  int n=s.nextInt();  System.out.println("even numbers :: ");  for(int i=1;i<=n;i++)  {  if(i%2==0)  {  sum=sum+i;  System.out.println(i);  }  }  System.out.println("Sum Of Even number :: "); System.out.print(sum);  }  } | **OUTPUT**  Enter a range :  10  even numbers ::  2  4  6  8  10  Sum Of Even number ::  30 |
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**write a Java program to print number of factorial**

| import java.util.Scanner;  class test  {  public static void main(String args[ ])  {  int fact=1;  Scanner s=new Scanner(System.in);  System.out.println("Enter a range : ");  int n=s.nextInt();  System.out.println("Numbers are :: ");  for(int i=1;i<=n;i++)  {  System.out.println(i);  fact=fact\*i;  }  System.out.println("Factorial is :: ");  System.out.print(fact);  }  } | **OUTPUT**  Enter a range :  5  Numbers are ::  1  2  3  4  5  Factorial is ::  120 |
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