**Practice Program Solution**

1) Write the Program to Reverse the given no.?

Ans->

**public** **class** Test1 {

**public** **static** **void** main(String[] args) {

**int** number=12345;

**int** reminder=0;

**int** reverseNo=0;

**while**(number!=0) {

reminder=number%10;

reverseNo=reverseNo\*10+reminder;

number=number/10;

}

System.***out***.println(reverseNo);

}

2) Write the logical program to count the length of no.?

Ans->

**public** **class** Test1 {

**public** **static** **void** main(String[] args) {

**int** number=12345671;

**int** length=0;

**while**(number!=0) {

number=number/10;

length=length+1;

}

System.***out***.println("length of no is"+length);

}

}

3) Find the given no is prime or not?

Ans->

**public** **class** Test1 {

**public** **static** **void** main(String[] args) {

**int** number=23;

**int** y=0;

**for** (**int** i=2; i<=number-1;i++) {

**if** (number%i==0) {

y=y+1;

}

}

**if** (y>0)

System.***out***.println("Number is Not Prime");

**else**

System.***out***.println("No is Prime Number");

}

}

4) Swap two no without using the third variable?

Ans->

**public** **class** Test1 {

**public** **static** **void** main(String[] args) {

**int** a=20;

**int** b=30;

System.***out***.println("Value of No a Before Swap Is " + a );

System.***out***.println("Value of No b Before Swap Is " + b );

a =a+b;

b=a-b;

a=a-b;

System.***out***.println("Value of No a After Swap Is " + a );

System.***out***.println("Value of No b After Swap Is " + b );

}}

5) Find the given no is perfect no or not?

Ans->

**public** **class** Test1 {

**public** **static** **void** main(String[] args) {

**int** number=6;

**int** sum=0;

**for** (**int** i=1; i<number;i++) {

**if** (number%i==0) {

sum=sum+i;

}

}

**if** (sum==number)

System.***out***.println("Number is perfect no");

**else**

System.***out***.println("Number is not perfect no");

}

6) Find given No is Even or odd?

Ans->

**public** **class** Test1 {

**public** **static** **void** main(String[] args) {

**int** number=6;

**int** sum=0;

**if** (number%2==0) {

System.***out***.println("Given no is Even No");

}

**else**

System.***out***.println("Given no is Odd No");

}

}

7) Print Following star pattern-

a) 

Ans->

**public** **class** Test1 {

**public** **static** **void** main(String[] args) {

**for** (**int** i=1; i<=5;i++) {

**for** (**int** j=1;j<=5;j++) {

**if** (j<=i)

System.***out***.print(" \* ");

**else**

System.***out***.print(" ");

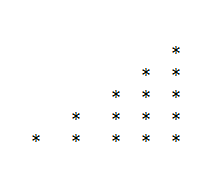
}

System.***out***.println();

}

}

}

b) 

Ans->

**public** **class** Test1 {

**public** **static** **void** main(String[] args) {

**for** (**int** i=5; i>=1;i--) {

**for** (**int** j=5;j>=1;j--) {

**if** (j<=(6-i) && j<=5)

System.***out***.print("\*");

**else**

System.***out***.print(" ");

}

System.***out***.println();

}

}

}