Task 8:

1.Coding:

**package** Task\_8;

**public** **class** Greater {

**int** a = 40,b=20,c=30,d=40;

**int** sum = a+b;

System.out.println(sum);

**int** add = c+d;

System.out.println(add);

**if**(sum > add) {

System.***out***.println("sum is greater");

}

**else**

{

System.***out***.println("Add is greater");

}

}

}

2.Coding:

**package** Task\_8;

**public** **class** OddOrEven {

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

{

**int** num = 11;

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

System.***out***.println(" Entered Number is Even");

}

**else** {

System.***out***.println("Entered Number is Odd");

}

}

}

}

3.Coding:

**package** Task\_8;

**public** **class** AtoZ {

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

**int** a=65;

**for**(**int** i=0;i<26;i++){

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

a++;

}

}

}

4.Coding:

**package** Task\_8;

**public** **class** Swapping {

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

**int** a = 10;

**int** b = 20;

**int** c ;

c=a;

a=b;

b=c;

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

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

}

}

5.Coding:

**package** Task\_8;

**public** **class** PrimeNumber {

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

**int** i = 7;

**int** fact = 0;

**for**( **int** a =1; a<=i; a++)

{

**if**(i%a==0 )

{

fact++;

}

}

**if**(fact==2)

{

System.***out***.println("Prime Numer");

}

**else**

{

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

}

}

}

6.Coding:

**package** Task\_8;

**public** **class** Factorial {

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

**int** a = 5;

**int** ans = 1;

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

ans = ans\*i;

}

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

}

}

7.Coding :

**package** Task\_8;

**public** **class** CalString {

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

String name = "Guvi Geek";

**int** length = name. length();

System. ***out***. println("The length of the String \""+name+"\" is: " +length);

}

}

8.Coding :

**package** Task\_8;

**public** **class** Guvi10 {

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

String name = "welcome to guvi";

**for**(**int** i=1; i<=10; i++) {

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

}

}

}

9.Coding:

**package** Task\_8;

**public** **class** SeniorCitizen {

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

**int** a = 80;

**if**(a>=60) {

System.***out***.println("Senior Citizen");

}

**else** {

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

}

}

}

10.Coding :

**package** Task\_8;

**public** **class** CountNoOfDigits {

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

**int** a = 0;

**int** digits = 0;

**while**(a>0) {

digits++;

a = a/10;

}

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

}

}