ASSIGNMENT DAY 1

**Program 1**

public class Day1

{

public static void main(String[] args)

{

System.out.println("hello world");

}

}

**Output**

**Microsoft Windows [Version 10.0.19045.2673]**

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**F:\vaziraanmol\src>javac -d ../bin Day1.java**

**F:\vaziraanmol\src>cd ..**

**F:\vaziraanmol>cd bin**

**F:\vaziraanmol\bin>java Day1**

**hello world**

**F:\vaziraanmol\bin>**

**Program 2**

**public class Day1**

**{**

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

**{**

**int a=134;**

**int b=234;**

**int c;**

**c=a+b;**

**System.out.println("a+b="+c);**

**}**

**}**

**Output**

**F:\vaziraanmol\src>javac -d ../bin Day1.java**

**F:\vaziraanmol\src>cd../bin**

**F:\vaziraanmol\bin>java Day1**

**a+b=368**

**F:\vaziraanmol\bin>**

**Program 3**

**public class swap**

**{**

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

**{**

**int a=134;**

**int b=234;**

**int c;**

**System.out.println("value before swaping a=134 b=234");**

**c=a;**

**a=b;**

**b=c;**

**System.out.println("value after swaping a=" +a+"and b="+b);**

**}**

**}**

**Output**

**F:\vaziraanmol\src>javac swap.java**

**F:\vaziraanmol\src>java swap**

**value before swaping a=134 b=234**

**value after swaping a=234and b=134**

**:\vaziraanmol\src>c**

**Program 4**

**import** java.util.Scanner;

**public** **class** FACTORIAL {

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

// **TODO** Auto-generated method stub

Scanner sc=**new** Scanner(System.***in***);

**int** fact=1,n,i;

n=sc.nextInt();

sc.close();

**for**(i=1;i<=n;i++)

{

fact=fact\*i;

}

System.***out***.println("factorial of given number is= "+fact);

}

}

**Output**

5

factorial of given number is= 120

Program 6

**import** java.util.Scanner;

**public** **class** PRIMENUMBER {

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

Scanner sc=**new** Scanner(System.***in***);

**int** n,i;

n=sc.nextInt();

sc.close();

**for**(i=2;i<=n;i++)

{

n=n%i;

**if** (n%i!=0)

{

System.***out***.println("number is prime");

}

**else** {

System.***out***.println("number is not prime");

}

}

}

}

Output

56

Number is not prime

**date**

**public** **class** date {

**private** **int** day,month,year;

**public** **void** accept\_date(**int** d , **int** m , **int** y){

day=d;

month=m;

year=y;

}

**public** **void** printDate() {

System.***out***.println("Date;"+day+"/"+month+"/"+year);

}

}

**testing**

**import** java.util.Scanner;

**public** **class** Testing1 {

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

System.***out***.println("testing date class here");

date obj=**new** date();

obj.accept\_date();

obj.accept\_date(20,3,1999);

Scanner sc=**new** Scanner(System.***in***);

}

}