Std 10 Computer

Q1. Predict the output :

```
class Program {
int a=5, b=7;
void Display( ) {
a++; ++b;
System.out.println( a+"   "+b );
}
public void main( ) {
Program ob=new Program( );
ob.Display( );  }
```

Q2. **Classname**   HcfLcm

Data Members :

int x,y   Two positive integers.

Member Methods :

void getData(int a, int b)   To assign x and y.

int Hcf( )   Returns hcf/gcd of x and y.

int Lcm( )   Returns lcm of x and y.

void Display( )   Prints the hcf/gcd and lcm of x and y.

Write main( ) to create object and call the above methods.

Q3. **Classname**   Special {

Data Members :

int x   A positive integers.

Member Methods :

void InputData( )   To accept value of x.

int Fact(int a)   Returns factorial of a.

int Sumfact( )   Returns the sum of the factorial of the digits of x.

void Display( )   Checks and prints whether x is a Special number(i.e. sum of the factorial of the

digits of number equals the number).

Write main( ) to create object and invoke the above methods.