1) using Thud Minsle - Swapping of Numbers. int 2 = 10; int y = 20; syso(x); (0 int 3 = x; 1110 x=y;// x=20; y=3; // y=10; -

(II) withrusing third variable. 120 120 10 No y int x = 10; int y = 20; かってすり y: y-x; 20-10; 10 x = x-y; 11 30-10 = Syso (1);
Syso (4);

```
Case! If class Name & FileName is different
without using public Keyword.
            Test.java
                                 class First{
         class Finst E
                                    public static void main(String[]
                                 args){
                                      System.out.print("Different
                                 className and FileName without
                                 public keyword");
```

Class Name and File Name is Same without using public keyword. Finst-jane Class First & class Code{ public static void main(String[] args){ System.out.print("Same className and FileName without using public keyword");

Case 3: - Class Name & FileName is different rising public Xeyword infront of class Coke jave

public class First &

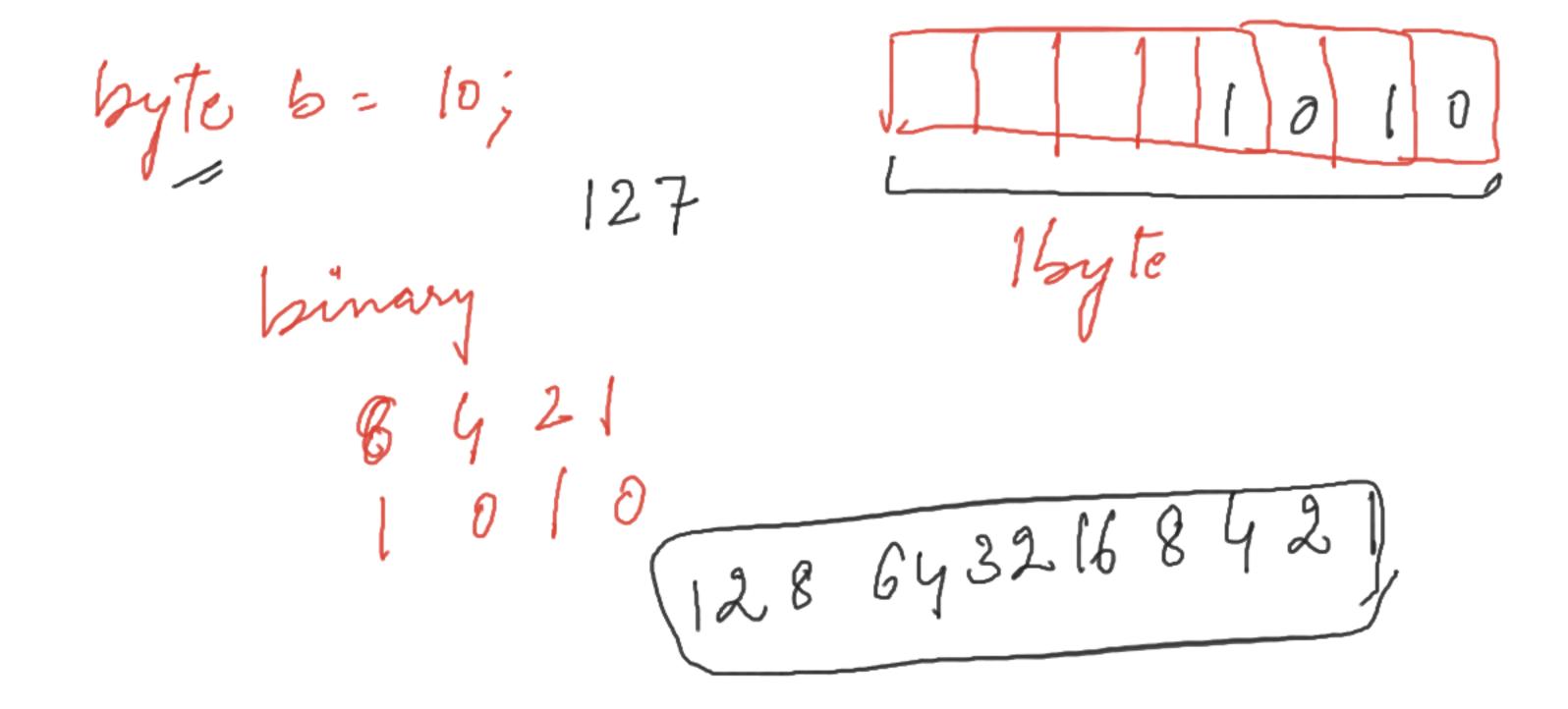
error: class First is public, should be declared in a file named First.java public class First{

1 error

Š

```
Case A: if class is possible, Then et's mandatory to
     keep the file Name Name same as class Name.
          First.jave
     public class First E
                                 public class Code{
```

```
public class Code{
    public static void main(String[]
    args){
        System.out.print("Same
    className and FileName with
    public keyword");
    }
```



```
public class PrintingStatements{
    public static void main(String[] args){
       int a=10;
       int b=20;
       System.out.println("Value of a is - a");
     System.out.println("Value of a is -" + a);
      System.out.println("Value of a and b is -" + a+b); // Value of a and b is - [020]
System.out.println(a+b + "Value is"); // /020 Value is X
10+20 System.out.println(a+b + "Value is"); // // 20 Value
       System.out.println("Value of a and b is -" + (a+b));
      System.out.println((a+b) + "Value is");
      System.out.println("Value of a is -"+ a + " and Value of b is- "+b);
                                Value of a is - $ 0 and value of 6 is - 20
```

```
    PrintingStatements java 
    ■

  1 public class PrintingStatements{
           public static void main(String[] args){
                int a=10;
                int b=20;
                System.out.println("Value of a is - a");
                System.out.println("Value of a is -" + a);
  6
                System.out.println("Value of a and b is -" + a+b);
                System.out.println(a+b + " Value is");
                System.out.println("Value of a and b is -" + (a+b));
  9
 10
                System.out.println((a+b) + "Value is");
                System.out.println("Value of a is -"+ a + " and Value of b is- "+b);
 11
 12
             C:\Windows\System32\cmd.exe
 13
             E:\students_data\2023_batch\java>javac PrintingStatements.java
 14 -
             E:\students_data\2023_batch\java>java PrintingStatements
             Value of a is - a
             Value of a is -10
             Value of a and b is -1020
             30Value is
             Value of a and b is -30
             30Value is
             Value of a is -10 and Value of b is- 20
             E:\students_data\2023_batch\java>_
```