

```

1. class C {
public static void main(String[] args) {
int i1=1;
switch(i1){
case 1:
System.out.println("one");
case 2:
System.out.println("two");
case 3:
System.out.println("three");
}}}

```

What is the result of attempting to compile and run the program?

Ans: one
Two
three

2. A signed data type has an equal number of non-zero positive and negative values available(say yes/no) if yes why?
Ans:NO

```

3. class C{
public static void main (String[] args) {
byte b1=33;           //1
b1++;                 //2
byte b2=55;           //3
b2=b1+1;              //4
System.out.println(b1+" "+b2);
}}

```

Ans:34,35

```

4. class C {
public static void main(String[] args) {
boolean b1;
b1=3<4<5;           //1
System.out.println(b1); //2
}}

```

Ans:error

5. $3 < 4 < 5$ evaluates to $true < 5$ -->it's a wrong expression so it results in compiletime error

```

6. class C {
public static void main(String[] args) {
char c1=65;
switch(c1){
case 'A':
System.out.println("one");
default:
System.out.println("two");
case 'b':

```

```
        System.out.println("three");
    }
}
```

Ans:One, two, three

7.

```
class C{
    public static void main(String a[]) {
        int i1=9;
        int i2;
        if(i1>3) {
            i2=8;
        }
        System.out.println(i2);
    }
}
```

Ans:8

8. When a byte is added to a char, what is the type of the result?
Ans:int

9. class C{

```
    public static void main(String args[]) {
        int a = 1;
        a += ++a + a++;
        System.out.print(a);
    }
}
```

Ans:5

10. class C {

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

        int x=2;

        int y=3;

        if((y==x++) || (x<++y)){

            System.out.println(x+""+y);

        }

    }
}
```

Ans:3,4