

Day1

```
1.class A{
    public static void main(String
args[]){
    byte b;
    int i = 258;
    double d = 325.59;

    b = (byte) i;
    System.out.print(b);

    i = (int) d;
    System.out.print(i);

    b = (byte) d;
    System.out.print(b);
    }
}
```

- A. 258 325 325
- B. 258 326 326
- C. 2 325 69
- D. Error

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```
2. public class Test{
    public static void
main(String[] args){
    byte b=127;
    b++;
    b++;
    System.out.println(b);
}
}
```

- A. 2 B. 129
C. -127 D. Compiler error
E. None of these

```
3. class A{
    public static void main(String
args[]){
    int x;
    x = 10;
    if(x == 10){
    int y = 20;
```

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```
System.out.print("x and y: "+ x
+ " " + y);
y = x*2;
}
y = 100;
System.out.print("x and y: " + x
+ " " + y);
}
}
```

A.10 20 10 100

B.10 20 10

20

C.10 20 10 10

D.Error

```
4.public class Test {
    static void test(float x){
        System.out.print("float");
    }

    static void test(double x){
        System.out.print("double");
    }
}
```

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```
public static void main(String[]  
args){  
    test(99.9);  
}  
}
```

- A.float
- B.double
- C.Compilation Error
- D.Exception is thrown at runtime

```
5.double STATIC = 2.5 ;  
System.out.println( STATIC );
```

- A.Prints 2.5
- B.Raises an error as STATIC is used as a variable which is a keyword
- C.Raises an exception
- D.None of these

```
6.public class Test{
```

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```
public static void main(String[]  
args){  
    int i = 010;  
    int j = 07;  
    System.out.println(i);  
    System.out.println(j);  
}  
}
```

- A. 8 7
- B. 10 7
- C. Compilation fails with an error at line 3
- D. Compilation fails with an error at line 5
- E. None of these

```
7. public class Test{  
    public static void main(String[]  
args){  
    byte i = 128;  
    System.out.println(i);  
}
```

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}

A. 128

B. 0

C. Compilation fails with an error at line 3

D. Compilation fails with an error at line 4

E. None of these

```
8. public class Test{  
    public static void main(String[]  
a){  
    short x = 10;  
    x = x*5;  
    System.out.print(x);  
    }  
}
```

A. 50

B. 10

C. Compilation Error

D. None of these

```
9. public class Test{
```

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```
public static void main(String[]  
args){  
    byte b = 6;  
    b+=8;  
    System.out.println(b);  
    b = b+7;  
    System.out.println(b);  
}  
}
```

A.14 21

B.14 13

C.Compilation fails with an error
at line 6

D.Compilation fails with an error
at line 4

E.None of these

10.Which three are valid
declarations of a char?

1)char c1 = 064770;

2)char c2 = 'face';

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3)char c3 = 0xbeef;

4)char c4 = \u0022;

5)char c5 = '\iface';

6)char c6 = '\uface';

A.1, 2, 4

B.1, 3, 6

C.3, 5

D.5 only