

Java for beginners

Assignment-2



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```
public class Example {
```

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

```
    }
```

```
}
```

Q.1

$$x = 2345;$$

$$d = x \% 10;$$

Q.2

$$x = 2345;$$

$$x = x / 10;$$

234

Q.3

Swap program

~~a = b;~~ c = a;
~~b = a;~~ a = b;
b = c;



Q.4

Swapping

a
20

b
10

$a = a + b;$

$b = a - b;$

$a = a - b$

Q.5

value type variable

(ordinary variable)

All primitive type
variables are value type
variables

int x;

float y;

boolean z;

Nullable type
variable

(Reference
variable)

Class type variables
are reference
variables

String s1;

Student ram;

Car c1;

Q.6

float x = 3.4;

↑ Real constant (double)

float x = 3.4f;

Q.7

35883

35 = 00100011

83 = 01010111

3 = 00000011

Q.8

47129

47 = 00101111

29 = 00011101

63 = 00111111

Q.9

76 ^ 108

76 = 01001100

108 = 01101100

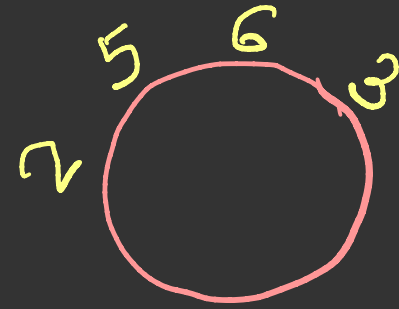
32 = 00100000

Q.10

$x = 2563$



3256



3 $a = x \% 10 ;$

$x = x / 10 ;$ 256

$a * 1000 + x$