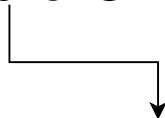


dəyişkən: $x = 5 \longrightarrow 2x + 8 = ?$

variable: $x = 5 \longrightarrow 2x + 8 = ?$



```
// variable / dəyişkən  
int a = 50;  
  
System.out.println(a);
```

```
int myInt; // camelCase
```

```
int my_int;
```

Data Type

mətn, riyazi, məntiqi
ad, yaş, razılıq

- byte 1 byte = 8 bit $\longrightarrow [-128, 127]$
- short 2 byte = 16 bit $\longrightarrow -32,768 \text{ to } 32,767$
- int 4 byte = 32 bit $\longrightarrow -2,147,483,648 \text{ to } 2,147,483,647$
- long 8 byte = 64 bit $\longrightarrow -9,223,372,036,854,775,808 \text{ to } 9,223,372,036,854,775,807$

integer \rightarrow tam ədəd

- float
- double

floating-point \rightarrow
kəsr ədədlər

- boolean \longrightarrow true/false

- char \longrightarrow character

- String → mətn tipi

```
int course_duration = 6;           // declaration-initialization
System.out.println(course_duration);

short finger_count;                 // declaration
finger_count = 10;                  // initialization
System.out.println(finger_count);
```

```
int age = 21;

System.out.println(age);
System.out.println(age * 2);        // multiplication
System.out.println(age / 3);        // division
System.out.println(age + (-10));    // sum
System.out.println(age - 8);        // subtraction
System.out.println(age % 6);        // mod/modulo
```