

(Video 3) Introduction to Variables.

Declare variable

→ properties:

→ Size of the variable

→ Name of the variable

Definition → allocation of memory to a variable.

int var;

→ variable name

→ Data Type: how much space

int - 2 byte or
4 byte

a variable going to occupy
in memory.

Depends on machine

Initialization

Int var = 3;

→ Change the value of variable:

```
{ int var = 3; }  
var = 5;
```

var value is replaced with 5

⇒ Var1 = 3

⇒ Var2 = 5

⇒ Var1 = Var2

(Video 4) Naming Conventions of Variables;

cannot start variable name with digit

underscore at start.

case sensitive.

[var, Var, VAR, var] → all are different

→ special char not allowed, better to avoid.

→ space not allowed

→ Don't use keywords (if, else, ...)