BODHA SOFTWARE TECHNOLOGIES PRIVATE LIMITED

Workshop Material

a) Var Definition & Initialization

Definition syntax: Datatype Variable name;

Ex – flower doremon;

doremon

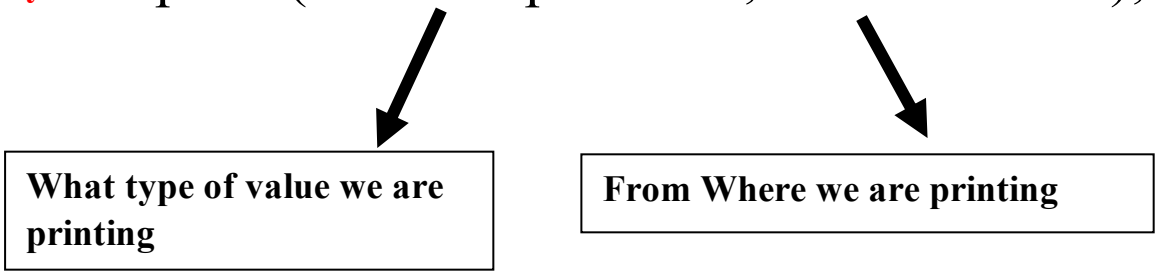
Initialization syntax: Variable name=value;

Ex – doremon=rose;

doremon

b) Printf

Syntax – printf(“format specifier” , attribute name);



Example –

```
Int a;
a=10;
Printf(“%d”,a);
```

a

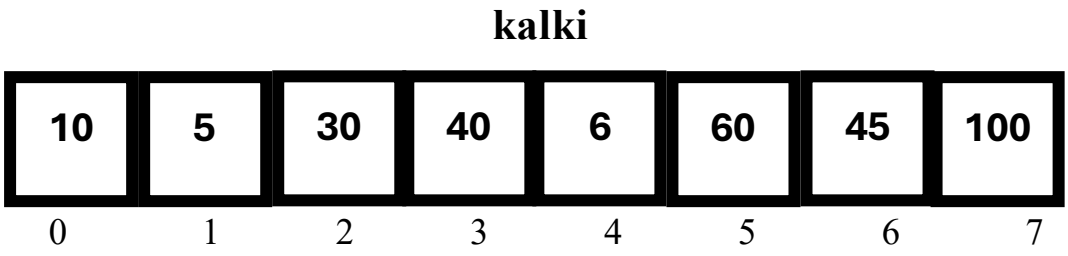
10

c) Array Declaration & Initialization

Declaration & Initialization syntax –

Array name[size] ={values};

Ex – kalki[10]={10,5,30,40,6,60,45,100};



Printf(“%d”, kalki[0]);

Printf(“%d”, kalki[1]);

Printf(“%d”, kalki[2]);

Printf(“%d”, kalki[3]);

Printf(“%d”, kalki[4]);

Printf(“%d”, kalki[5]);

Printf(“%d”, kalki[6]);

Printf(“%d”, kalki[7]);

d) Main function Syntax

```
Void main()
{
Code;
}
```

e) For Loop

Syntax :

```
For(initialization ; condition ; increment or decrement)
{
Code ;
}
```

Ex –

```
For(i=1;i<=4;i++)
{
Printf("%d",i);
}
```

LOOP Analysis

```
for(i=1;i<=4;i++)
{
Printf("%d",i);
}
```

Loop No.	I Value	I <= 4	Prints?	I++
1	1	True	1	2
2		True	2	3
3		True	3	4
4		True	4	5
5		False	None	None