**package** org.sample;

**public** **class** Sample {

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

//DataType variable [ ] = new Datatype [length];

**int** a[] = **new** **int**[6];

a[0]= 10;

a[1]= 20;

a[2]= 30;

a[3]= 40;//Print the default value when not given with any value to the index

a[5]= 60;

a[5]= 70;//Print the latest Value when index is duplicated

//a[6]= 80; //Throws error when tried to go beyond the boundary

//Print the value from array

System.***out***.println(a[5]);

//to find the length of the array

**int** len = a.length;

System.***out***.println(len);

//iteration of the Array --> Index Based

**for**(**int** i = 0; i < a.length; i++)

{

System.***out***.println(a[i]);

}

//enhanced for loop --> Value based

// 70 70

**for**(**int** x : a)

{ // 70

System.***out***.println(x);

}

}

}