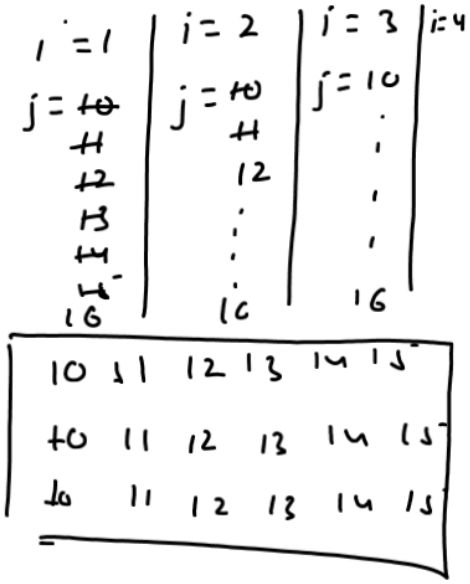
Nested Loops
==========

```
for(init ;test_cond ;stmt)
{
    for(init; test_cond ; stmt)
    {
        // loop body
    }
// loop body
}
```

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

        for(int i=1;i<=3;i++)
        {
            for(int j=10;j<=15;j++)
                {
                    System.out.print(j+"  ");
                }
            System.out.println();
        }
    }
}
```



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

        for(int i=1;i<=3;i++)
        {
            for(int j=10;j<=15;j++)
                {
                    System.out.print(j+"  ");
                    if(j==14)
                        break;
                }
            System.out.println();
        }
    }
}
```

ARRAYS

Creating An Array:
==========

1. **Creating array reference**

    <data type> [ ] <array_ref>;
    OR
    <data type> <array_ref>[ ];

2. **Creating The Actual Array**

    <array_ref>= new <data type>[size];

arr is a ref to an integer array

```
int [ ] arr;

arr = new int [10];
```

OR

```
int [ ] arr = new int [10];
```

OR

```
int arr[ ] = new int [10];
```