

KOTLIN FUNDAMENTALS : DAY 2

TASK 1

1) Write a program to add two integers in kotlin?

Ans:- **Aim :**

Write a program to add two integers in kotlin

Source code:

```
fun main(args: Array<String>)  
{  
  
    val first: Int = 10  
  
    val second: Int = 20  
  
    val sum = first + second  
  
    println("The sum is: $sum")  
}
```

OUTPUT:

The sum is: 30

Task 2

2)write a program to print half pyramid using *

Ans:- Aim:

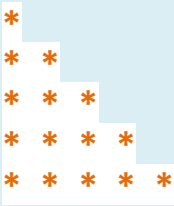
Write a program to print half pyramid using * in kotlin

Source code:

```
fun main(args: Array<String>)
{
    val rows = 5

    for (i in 1..rows)
    {
        for (j in 1..i)
        {
            print("* ")
        }
        println()
    }
}
```

OUTPUT:



TASK 3

3)Write a program to print a half pyramid using numbers in increasing order?

Ans:- Aim:

Write a program to print a half pyramid using numbers in increasing order

In kotlin

Source code:

```
fun main(args: Array<String>)
{
    val rows = 5
    var number = 1

    for (i in 1..rows)
    {
        for (j in 1..i)
        {
            print("$number ")
            ++number
        }
    }
}
```

```
        println()  
    }  
}
```

OUTPUT:

```
1  
2 3  
4 5 6  
7 8 9 10  
11 12 13 14 15
```