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Date :- 22 september 2020.

OOJ Lab:-

Practice Programs for OOJ Lab - Week 2.

Q3.

Input:-

```
#include <stdio.h>
```

```
int main ()
```

```
{
```

```
int i, j, n, num = 1;
```

```
printf ("enter the value of n: ");
```

```
scanf ("%d", &n);
```

```
for (i = 1; i <= n; i++)
```

```
{
```

```
for (j = 1; j <= i; j++)
```

```
{
```

```
printf ("%d", num);
```

```
num++;
```

```
}
```

```
printf ("\n");
```

```
}
```

```
return 0;
```

```
}
```

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Output for Q 3 :-

enter the value of n : 4.

1
2 3
4 5 6
7 8 9 10

```
int i = 1, n, j, sum = 0;
while (i <= n) {
    sum = 0;
    for (j = i; j <= n; j++) {
        sum += j;
    }
    cout << sum << " ";
    i++;
}
```

```
(++i : 1 ==> i : 1 = 1) ref
```

```
(cout << "b d ") f trueq  
i ++ sum
```

```
( "a / ") f trueq
```

```
: 0 output
```