

While Loop

(I)

```
#import <Foundation/Foundation.h>

int main ()
{
    int a = 10;

    while( a < 20 )
    {
        NSLog(@"value of a: %d\n", a);
        a++;
    }

    return 0;
}
```

The code above generates the following result

```
value of a: 10
value of a: 11
value of a: 12
value of a: 13
value of a: 14
value of a: 15
value of a: 16
value of a: 17
value of a: 18
value of a: 19
```

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(III)

```
#import <Foundation/Foundation.h>

int main ()
{
    /* local variable definition */
    int a = 10;

    /* do loop execution */
    do
    {
        NSLog(@"value of a: %d\n", a);
        a = a + 1;
    }while( a < 20 );

    return 0;
}
```

The code above generates the following result.

```
value of a: 10
value of a: 11
value of a: 12
value of a: 13
value of a: 14
value of a: 15
value of a: 16
value of a: 17
value of a: 18
value of a: 19
```

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