



Programming with C.

First Program :

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

] → Header File

```
int main () {
```

] → Main Function

```
    int i;
```

] → Variable Declaration

```
    for (i = 0; i < 10; i++) {
```

```
        printf(" Hello World ");
```

] → Loop

```
    }
```

```
    return 0;
```

] → Return value.

```
}
```

How to create a function:

Ways:

1) With declaration

Function prototype -

2) without declaration. -

Write the function code
before calling the function

```
int add(int i, int j) {  
    return i+j  
}
```

add(1, 2)

2 ✓

return,

return value of
main

Debugging with c : gdb :