

29-07-25

Task-3

```
1. #include <stdio.h>
void greet () {
    printf ("Hello !\n");
}
int main () {
    greet ();
    return 0;
}
```

```
2. #include <stdio.h>
void add (int a, int b) {
    int sum = a + b;
    printf ("Sum : %d\n", sum);
}
int main () {
    add (5, 7);
    return 0;
}
```

```
3. #include <stdio.h>
int multiply (int a, int b) {
    return a * b;
}
int main () {
    int result = multiply (7, 6);
    printf ("Product : %d\n", result result);
    return 0;
}
```

```
4. #include <stdio.h>
int factorial (int n) {
    if (n == 0 || n == 1)
        return 1;
    else
        return n * factorial (n - 1);
}
int main () {
    int num = 5;
    int result = factorial (num);
    printf ("Factorial of %d is %d\n",
        num, result);
    return 0;
}
```

```
5. #include <stdio.h>
int square (int num) {
    return num * num;
}
void display (int value) {
    printf ("The result is %d\n",
        value);
}
int main () {
    int num = 4;
    int result = square (num);
    display (result);
    return 0;
}
```