Function with arguments and no return value

#include<stdio.h>

void greatNum(int a, int b); // function declaration

int main()

{

int i, j;

printf("Enter 2 numbers that you want to compare...");

scanf("%d%d", &i, &j);

greatNum(i, j); // function call

return 0;

}

void greatNum(int x, int y) // function definition

{

if(x > y) {

printf("The greater number is: %d", x);

}

else {

printf("The greater number is: %d", y);

}

}

## Function with arguments and a return value

#include<stdio.h>

int greatNum(int a, int b); // function declaration

int main()

{

int i, j, result;

printf("Enter 2 numbers that you want to compare...");

scanf("%d%d", &i, &j);

result = greatNum(i, j); // function call

printf("The greater number is: %d", result);

return 0;

}

int greatNum(int x, int y) // function definition

{

if(x > y) {

return x;

}

else {

return y;

}

}

## Function with no arguments and no return value

#include<stdio.h>

void greatNum(); // function declaration

int main()

{

greatNum(); // function call

return 0;

}

void greatNum() // function definition

{

int i, j;

printf("Enter 2 numbers that you want to compare...");

scanf("%d%d", &i, &j);

if(i > j) {

printf("The greater number is: %d", i);

}

else {

printf("The greater number is: %d", j);

}

}

## Function with no arguments and a return value

#include<stdio.h>

int greatNum(); // function declaration

int main()

{

int result;

result = greatNum(); // function call

printf("The greater number is: %d", result);

return 0;

}

int greatNum() // function definition

{

int i, j, greaterNum;

printf("Enter 2 numbers that you want to compare...");

scanf("%d%d", &i, &j);

if(i > j) {

greaterNum = i;

}

else {

greaterNum = j;

}

// returning the result

return greaterNum;

}