Chapter 6 (Contd…)

Category of Function

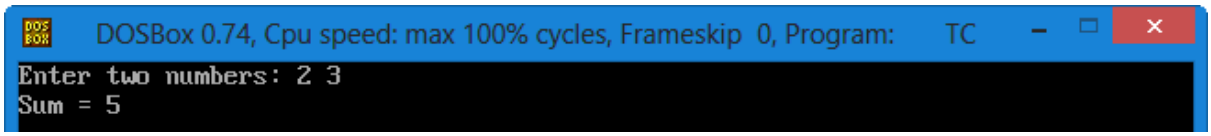
Category 1: *Function with no return type & with no argument*

Program Code:

```
#include<stdio.h>
#include<conio.h>
void my_function00(void);
void main(){
        clrscr();
        my_function00();
        getch();
}

void my_function00(void){
        int a, b;
        printf("Enter two numbers: ");
        scanf("%d%d",&a,&b);
        printf("Sum = %d",(a+b));
}
```

Output:



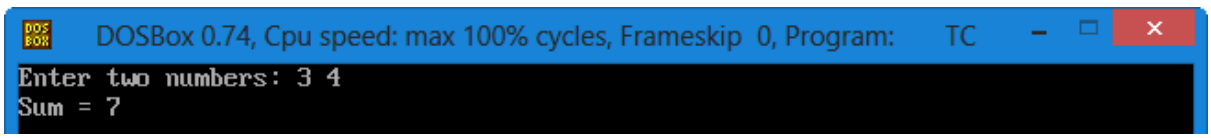
Category 2: *Function with no return type & with argument(s)*

Program Code:

```
#include<stdio.h>
#include<conio.h>
void my_function01(int,int);
void main(){
        int a, b;
        clrscr();
        printf("Enter two numbers: ");
        scanf("%d%d",&a,&b);
        my_function01(a,b);
        getch();
}

void my_function01(int x,int y){
        printf("Sum = %d",(x+y));
}
```

Output:



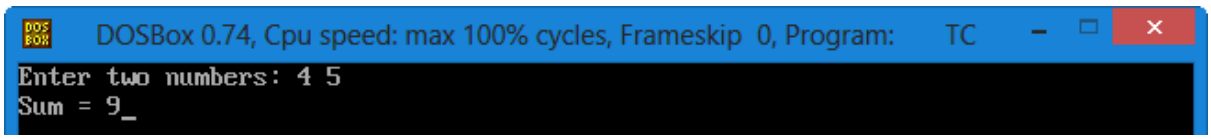
Category 3: *Function with return type & with no argument*

Program Code:

```
#include<stdio.h>
#include<conio.h>
int my_function10(void);
void main(){
        int sum;
        clrscr();
        sum = my_function10();
        printf("Sum = %d",sum);
        getch();
}

int my_function10(void){
        int a, b;
        printf("Enter two numbers: ");
        scanf("%d%d",&a,&b);
        return(a+b);
}
```

Output:



Category 4: Function with return type & with argument(s)

Program Code:

```
#include<stdio.h>
#include<conio.h>
int my_function11(int,int);
void main(){
        int a,b,sum;
        clrscr();
        printf("Enter two numbers: ");
        scanf("%d%d",&a,&b);
        sum = my_function11(a,b);
        printf("Sum = %d",sum);
        getch();
}

int my_function11(int x,int y){
        return(x+y);
}
```

Output: