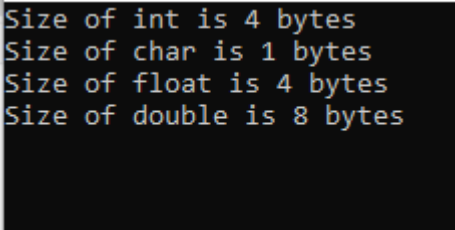


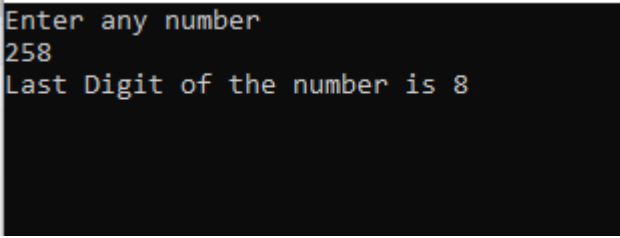
ASSIGNMENT 07

```
1. #include<stdio.h>
#include<conio.h>
int main()
{
    int i,j,k,l;
    int a;
    char ch;
    float f;
    double d;
    i=sizeof(i);
    j=sizeof(ch);
    k=sizeof(f);
    l=sizeof(d);
    printf("Size of int is %d bytes",i);
    printf("\nSize of char is %d bytes",j);
    printf("\nSize of float is %d bytes",k);
    printf("\nSize of double is %d bytes",l);
    getch();
}
```

A screenshot of a terminal window with a black background and light blue text. It displays the output of the C program: 'Size of int is 4 bytes', 'Size of char is 1 bytes', 'Size of float is 4 bytes', and 'Size of double is 8 bytes'.

```
Size of int is 4 bytes
Size of char is 1 bytes
Size of float is 4 bytes
Size of double is 8 bytes
```

```
2. #include<stdio.h>
#include<conio.h>
int main()
{
    int num,last;
    printf("Enter any number\n");
    scanf("%d",&num);
    last=num%10;
    printf("Last Digit of the number is %d",last);
    getch();
}
```



```
Enter any number
258
Last Digit of the number is 8
```

```
3. #include<stdio.h>
#include<conio.h>
int main()
{
    int num,first;
    printf("Enter any three digit number\n");
    scanf("%d",&num);
    first=num/100;
    printf("First Digit of the Number is %d",first);
    getch();
}
```

```
Enter any three digit number
453
First Digit of the Number is 4
```

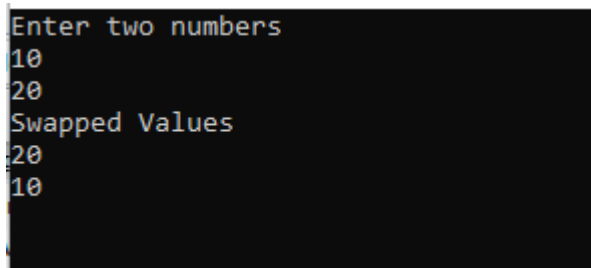
```
4. #include<stdio.h>
#include<conio.h>
int main()
{
    int num,mid;
    printf("Enter any three digit number\n");
    scanf("%d",&num);
    num=num/10;
    mid=num%10;
    printf("Middle Digit of the number is %d",mid);
    getch();
}
```

```
Enter any three digit number
126
Middle Digit of the number is 2
```

```

5. #include<stdio.h>
   #include<conio.h>
   int main()
   {
       int num1,num2,swap;
       printf("Enter two numbers\n");
       scanf("%d %d",&num1,&num2);
       swap=num1;
       num1=num2;
       num2=swap;
       printf("Swapped Values\n");
       printf("%d\n%d",num1,num2);
       getch();
   }

```



```

Enter two numbers
10
20
Swapped Values
20
10

```

```

6. #include<stdio.h>
   #include<conio.h>
   int main() {
       int num1,num2;
       printf("Enter two numbers\n");
       scanf("%d %d",&num1,&num2);
       num1=num1+num2;
       num2=num1-num2;
       num1=num1-num2;
       printf("Swapped Values\n");
       printf("%d\n%d",num1,num2);
       getch()
   }

```

```
Enter two numbers
30
40
Swapped Values
40
30
```

OR

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

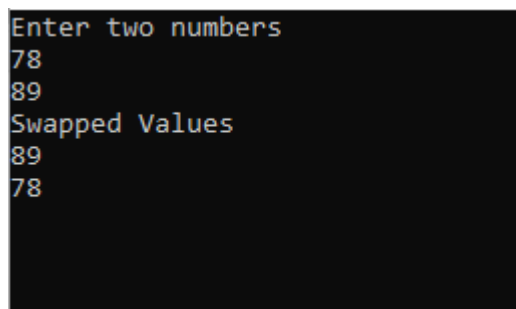
```
#include<conio.h>
```

```
int main()
{
    int num1,num2;
    printf("Enter two numbers\n");
    scanf("%d %d",&num1,&num2);
    num1=num1*num2;
    num2=num1/num2;
    num1=num1/num2;
    printf("Swapped Values\n");
    printf("%d\n%d",num1,num2);
    getch();
}
```

```
Enter two numbers
23
56
Swapped Values
56
23
```

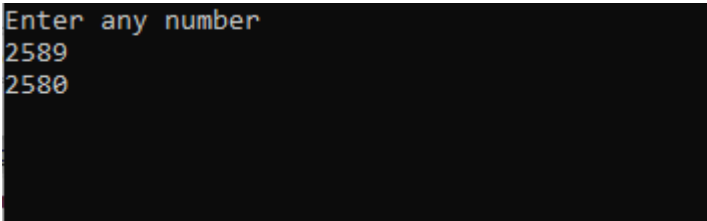
OR

```
#include<stdio.h>
#include<conio.h>
int main()
{
    int num1,num2;
    printf("Enter two numbers\n");
    scanf("%d %d",&num1,&num2);
    num1=num1^num2;
    num2=num1^num2;
    num1=num1^num2;
    printf("Swapped Values\n");
    printf("%d\n%d",num1,num2);
    getch();
}
```



```
Enter two numbers
78
89
Swapped Values
89
78
```

```
7. #include<stdio.h>
#include<conio.h>
int main()
{
    int num,temp,last0;
    printf("Enter any number\n");
    scanf("%d",&num);
    temp=num%10;
    last0=num-temp;
    printf("%d",last0);
    getch();
}
```



```
Enter any number
2589
2580
```

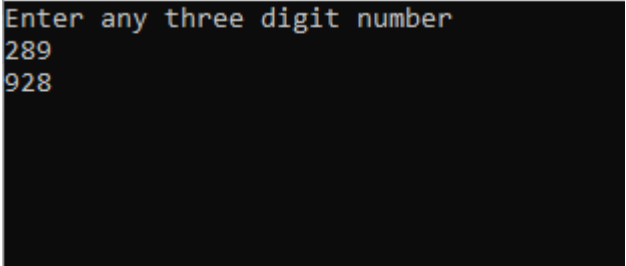
```
8. #include<stdio.h>
#include<conio.h>
int main()
{
    int num1,num2;
    printf("Enter two numbers\n");
    scanf("%d %d",&num1,&num2);
    num1=num1*10;
    num2=num1+num2;
    printf("Appended Number = %d",num2);
    getch();
}
```

```
Enter two numbers
258
9
Appended Number = 2589
```

```
9. #include<Stdio.h>
#include<conio.h>
int main()
{
    float rupee,dollar;
    printf("Enter the Amount in INR\n");
    printf("Rs.");
    scanf("%f",&rupee);
    dollar=rupee/76.23;
    printf("Amount in USD\n");
    printf("$%f",dollar);
    getch();
}
```

```
Enter the Amount in INR
Rs.45
Amount in USD
$0.590319
```


10. #include<stdio.h>
 #include<conio.h>
int main()
{
 int num,store,rotate_right;
 printf("Enter any three digit number\n");
 scanf("%d",&num);
 store=num%10;
 num=num/10;
 rotate_right=(store*100)+num;
 printf("%d",rotate_right);
 getch();
}



Enter any three digit number
289
928