Datatype	Input/read	Output/print
Char	Getchar() Getche() Getch()	Putchar()
String	Gets()	Puts()
Int,float,double etc…	Scanf()	printf()

Getchar ()

- ❖ It stands for get a character
- ❖ It will take input from the user
- ❖ It can take multiple input but it will store only first character
- ❖ It will wait for enter key

Program
```
#include<stdio.h>
void main()
{
   char ch;
   printf("Enter a Character:");
   ch=getchar();
   putchar(ch);
   return 0;

}
```

Getche ()

- ❖ it is used to read a character
- ❖ it stands for get a character with echo/display
- ❖ it will not wait for the enter key
- ❖ it is a input function

program
```
#include<stdio.h>
void main()
{
   char ch;
   printf("Enter a Character:");
```

```
        ch=getche();
        putchar(ch);
        return 0;


}
```

Output
R ➜ input /read
R ➜ output/print

Getch ():
❖ it is also used to read the character
❖ it stands for get a character without echo
❖ it reads the data confidentially
❖ it is a input function

program
```
#include<stdio.h>
void main()
{
  char ch;
  printf("Enter a Character:");
  ch=getch();

  return 0;
}
```

Putchar ()
❖ it is a output function
❖ it is used to print the character
❖ it stands for put a character on screen

gets ()
❖ it stands for get a string
❖ it is input function
❖ it is used to read a string

puts ():
- ❖ it stands for put a string
- ❖ it is output function
- ❖ it is used to print a string on screen

program
```c
#include<stdio.h>
void main()
{
  char sname[100];
  printf("Enter Your Name:");
  gets(sname);
  puts(sname);
  return 0;

}
```
output
Enter Your Name:bhanu
bhanu