Components Of Fn Decl

① Return Type

② Fn name

③ Fn. Arguments / Fn. Parameter

✓ Tc   C.S.   Mingw

(void) main()   int ← main()   An int
  {   {   value will be
                                        returned by
No value   main() to os!
will be returned   by main()
main() to os!   mainly ("Hello");
                                        Success
  }   retu 0!

                       }

clrscr ( );

⑥ ⟶ n = strlen ("Bhopal");

y = pow (2, 3);

z = strcmp ("AJAY", "AJIT");

Syntax of Fn. Decl / Fn. Prototype

$<$ret type$>$ $<$fn-name$>$($<$arg-list$>$) ;

ex :

```
void   clrscr ( void );
int    strlen ( char [ ] );
double  sqrt ( double );
int     strcmp ( char [ ], char [ ]);
```

FUNCTION DESIGN TECH

① Takes something and Returns something : pow( ), shln( ), strcmp( ), sqrt( )

② Takes something and Return Nothing : fflush( ), delay( ), sleep( )

```
#include <stdio.h>
#include <conio.h>
#include <dos.h>
void main()
{
    int i;

    clrscr();

    for(i = 1; i <= 10; i++)
    {
        printf("\n %d", i);
        delay(1000);   or   sleep(1);
    }
getch();
}
```

T.C.

1
2
3
.
10