

Computer Science Lectures by Er. Deepak Garg

(ii) Call by Reference :- Instead of passing the values to the Parameters we here pass the address or reference. In this formal arguments are the pointers to the actual arguments.

Eg

```
#include <stdio.h>
void add (int *n);
int main ()
{
    int num = 2;
    printf ("\n The value of num before calling the function
           = %d ", num);
    add (&num);
    printf ("\n The value of num after calling the function
           = %d ", num);
    return 0;
}

void add (int *n)
{
    *n = *n + 10;
    printf ("\n The value of num in the called function
           = %d ", *n);
}
```

Output

The value of num before calling the function = 2

The value of num in the called function = 12

The value of num after calling the function = 12

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