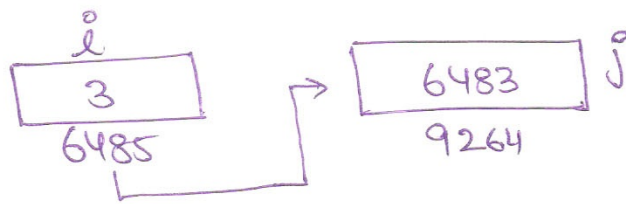


# Computer Science Lectures by Er. Deepak Garg

## Pointer Expression :-

\*\* How to store address of one variable to the other variable as its value.



Now we want address &i of this to store in variable j as its value so for this there are conditions.

- Type of both must be same
- and the variable which store the address of other variable must be declared with '\*' operator

So `int *j;` (It will store address of i)

### Program

```
main ()
{
    int i = 3;
    int *j;
    j = &i;
    printf("In Address of i = %d", &i);
    printf("In Address of i = %d", j);
    printf("In Address of j = %d", &j);
    printf("In value of j = %d", j);
    printf("In value of i = %d", i);
    printf("In value of i = %d", *(&i));
    printf("In value of i = %d", *j);
}
```

### Output

```
Address of i = 6485
Address of i = 6485
Address of j = 9264
```

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