

Pointers

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- Pointer is variable just like other variables of c but only difference is unlike the other variable it stores the memory address of any other variables of c.
- this variable may be type of int , char, array, structure, function or any other pointers.

Pointers

- To declare pointer variable we need to use ***operator (indirection/dereferencing operator)** before the variable identifier and after data type.
- Pointer can only point to variable of the same data type.
Ex: Data type ***identifier;**
***(pointer)** is also called '**value at address**' operator.

```
void main()
{
int a, *b;
a=10;
b=&a;
cout<<"\n Value of a:"<<a<<endl;
cout<<"\nAddress of a:"<<b<<endl;
a=11;
cout<<"\n Value of a:"<<a<<endl;
cout<<"\nAddress of a:"<<b<<endl;
}
```

Working of Pointers