



new

The new operator is used to allocate memory at runtime. The memory is allocated in bytes.

Let's first see how to allocate a variable dynamically.

```
int *ptr = new int;
```

By writing new int, we allocated the space in memory required by an integer. Then we assigned the address of that memory to an integer pointer ptr.

We assign value to that memory as follows:

```
*ptr = 4;
```

Thus, we allocated that much space in memory that would be required by an int and assigned the address of that memory to a pointer ptr and assigned the memory a



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