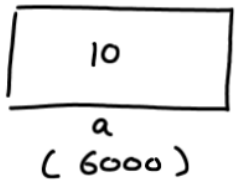
Pointer

$0 \text{ —— } 2^{64}-1$

```
int main()
{
    int a = 10;

    printf("Value of a is %d", a);
    printf("\n Address of a is %llu", &a);
    return 0;
}
```



$0 \text{ —— } 2^{16}-1$ %u

$0 \text{ —— } 2^{32}-1$ %lu

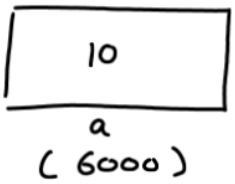
$0 \text{ —— } 2^{64}-1$ %llu

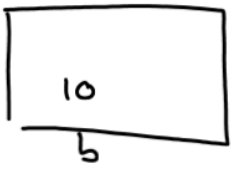
Pointer

$0 — 2^{64}-1$

```
int main()
{
    int a = 10;
    int b;
    unsigned long long int c;
✓   b = a;
X   c = &a;

    return 0;
}
```





Syntax Of Decl & Pointer

<data type> * <ptr_name> ;

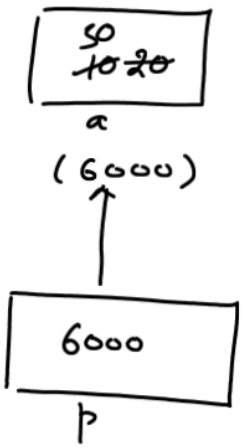
Imp Points

1.

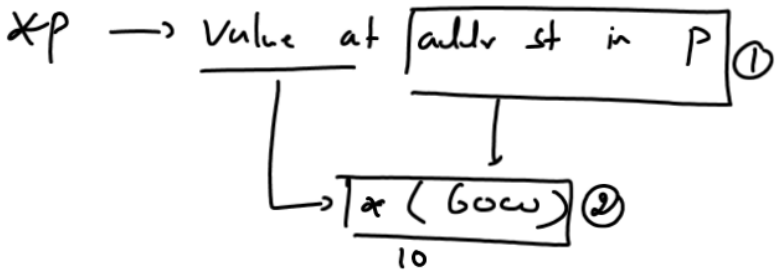
2.

3.

```
int main()
{
    int a=10;
    int *p;
    p=&a;
printf("\nAddress of a = %u",&a);
printf("\nContent of p = %u",p);
```




```
printf("\n %d %d",a,*p);
    a = 20;
printf("\n %d %d",a,*p);
  *p = 30;
printf("\n %d %d",a,*p);
 return 0;
}
```



OR

Value at p