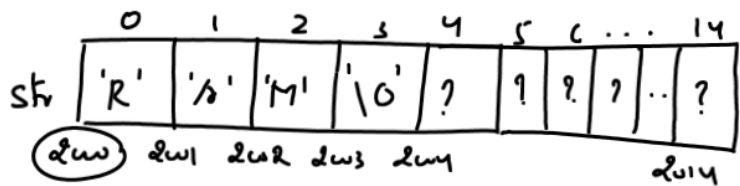


## Single Dimensional Character Array (String)

```
int main()
```

```
{
```

```
    char str[15];
```

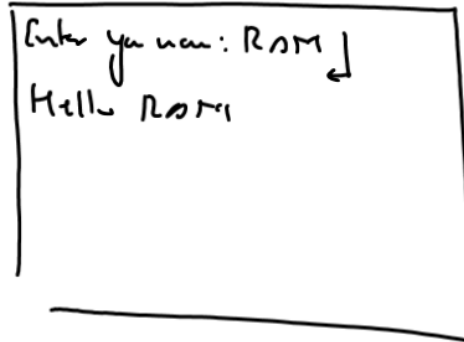


```
    printf("Enter your name:");
```

```
    scanf("%s", str);
```

```
    printf("Hello %s", str);
```

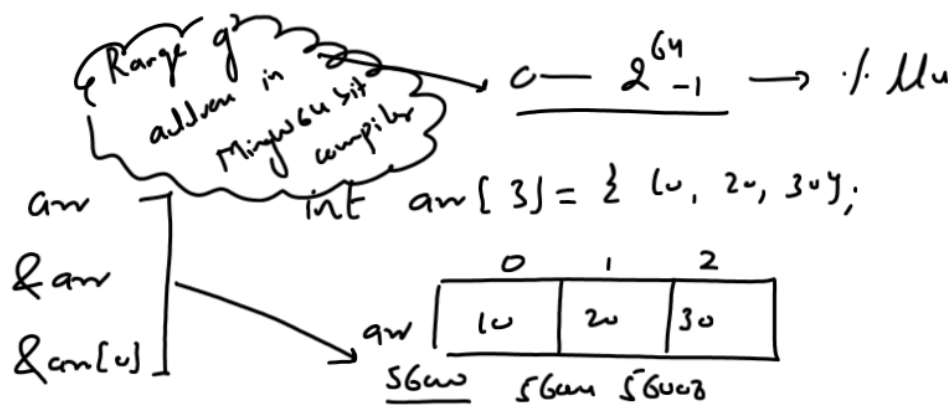
```
    return 0;
```



```
int a;
```

```
printf("Enter your age:");
```

```
scanf("%d", &a);
```



①  $\text{printf}(\text{"%d", arr});$   
 ↳ 5600

②  $\text{printf}(\text{"%d", \&arr[0]});$   
 ↳ 5600


②  $\text{printf}(\text{"%d", \&arr});$   
 ↳ 5600

②  $\text{printf}(\text{"%d", arr[0]});$   
 ↳ 10

<u>arr</u>	V/S	arr[0]
① Will give base address		① Will give value stored in 0th index

int a;

<u>Compiler</u>	<u>Min</u>	<u>Max</u>	
① <u>T<sub>C</sub></u>	0	$2^{16}-1$	./.u
② <u>Miw</u> (32 bit)	0	$2^{32}-1$	./.u
③ <u>Miw</u> (64 bit)	0	$2^{64}-1$	./.llu



LSR Am

char ch;