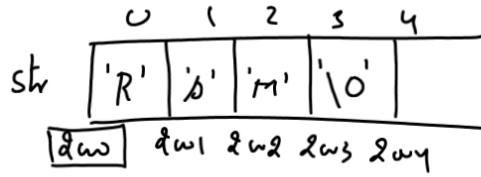


Single Dimensional Character Array (String)

```
int main()
{
    char str[5];
```



```
    printf("Enter your name:");
    scanf("%s", str);
    printf("Hello (%s)", str);
    return 0;
```

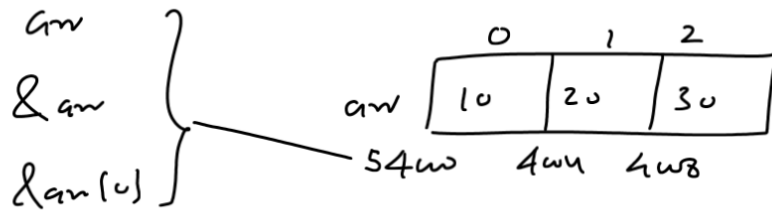
Diagram illustrating the output of the program:

```
Enter your name: RAM ↵
Hello RAM
```

```
int age;
```

```
printf("Enter your age:");
scanf("%d", &age);
```

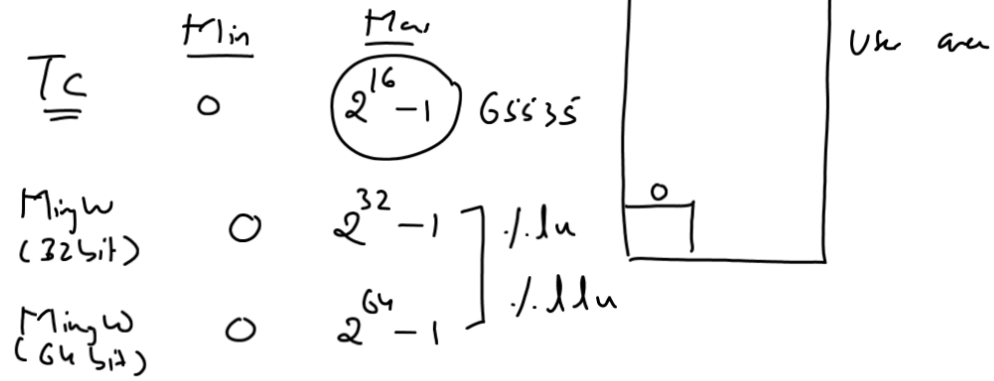
int arr[3] = {10, 20, 30};



- ① ^{1.11u} printf("%d", arr); ③ ^{1.11u} printf("%d", &arr[0]);
_{4w} _{4w}
- ② ^{1.11u} printf("%d", &arr); ④ ^{1.11u} printf("%d", arr[0]);
_{4w} ₁₀

arr[0]	uls	arr
① Value stored in 6th cell	① Base Address	

int a;



"Bhupat"