	Data Type Name	Size	Format sp	Range
(2)	unsigned int	2B (in TC)	%u	0 to 65535

```
unsigned int n;
n = 65536;
printf("%u", n);
```

(0)

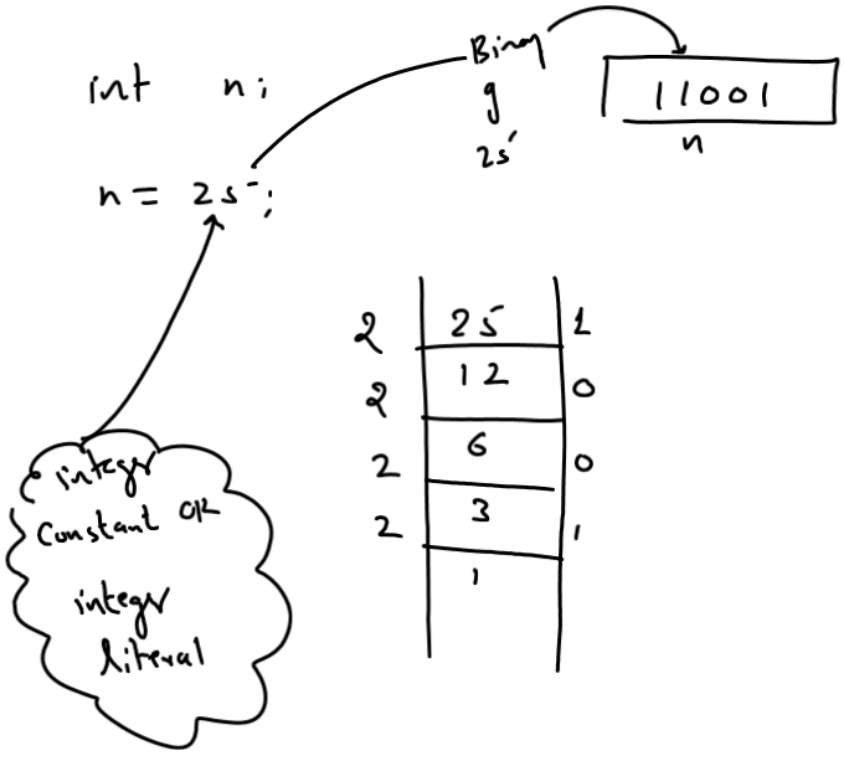
```
unsigned int n;
n = -1;
printf("%u", n);
```

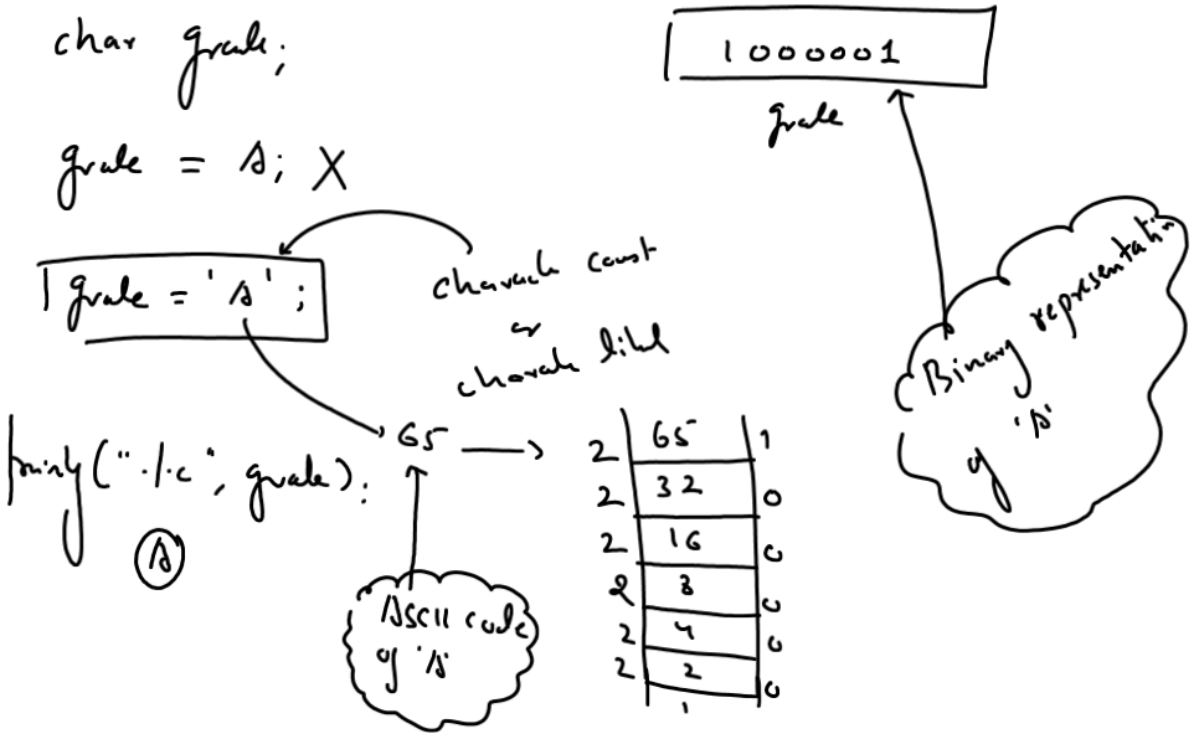
(65535)

	Data Type Name	Size	Format sp	Range
(3)	long int	4B	%ld	-2147483648 To 2147483647
(4)	unsigned long int	4B	%lu	0 To 4294967295

Data Type Name	Size	Format Sp	Range
① char or signed char	1 B	%c	-128 To 127
② unsigned char	1 B	%c	0 To 255

How Data Is Stored In Memory ?





Character constant	ASCII Code
'A'	65
'B'	66
'C'	67
⋮	⋮
'Z'	90
'a'	97
⋮	⋮
'z'	122

American Std Code for Information Interchange

How To Display ASCII codes ?

```
#include <stdio.h>
#include <conio.h>
void main()
{
   char grade;
   clrscr();
   grade='A';
   printf("Character is %c,\nIts ASCII is %d",grade,grade);
   getch();
}
```

OUTPUT

```
=======
Character is A
Its ASCII is 65
```