Data Type	Format Sp	Size	Range
② unsigned int	%u	2B	0 To 65535

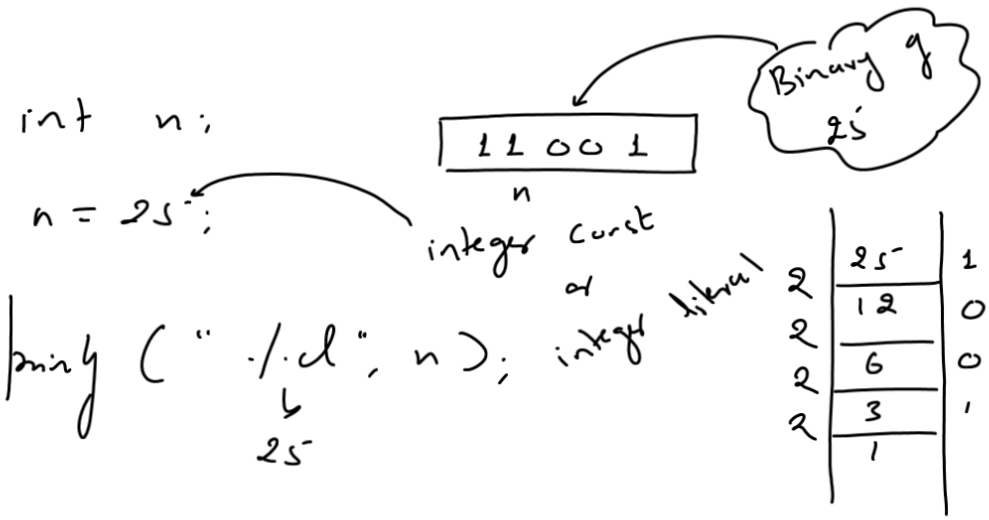
```
unsigned int a;
a = 65536;
printf("%u", a);
```
0

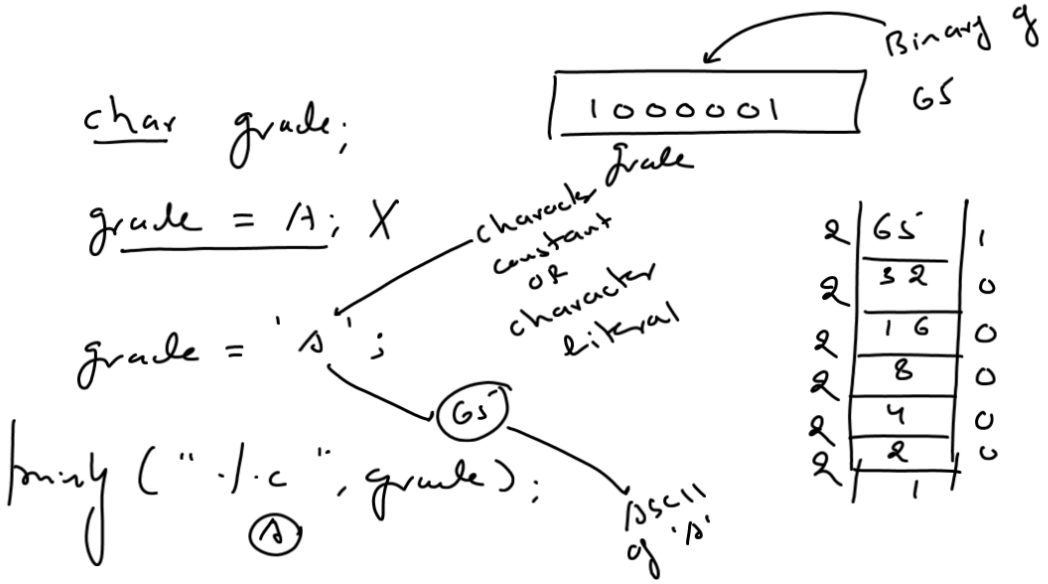
```
unsigned int a;
a = -1;
printf("%u", a);
```
65535

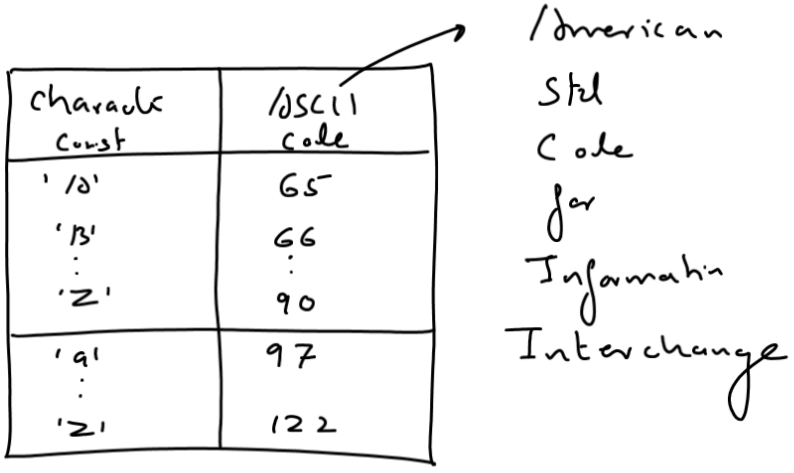
Data Type	Format Sp	Size	Range
⑧ long int	%ld	4B	-2147483648 To 2147483647
⑨ unsigned long int	%lu	4B	0 To 4294967295

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

ASCII



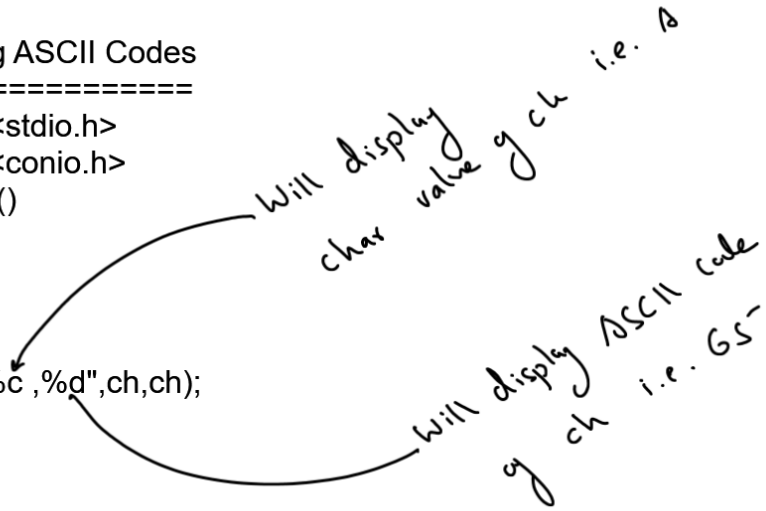




Character Const	ASCII code
'A'	65
'B'	66
⋮	⋮
'Z'	90
'a'	97
⋮	⋮
'z'	122

Displaying ASCII Codes

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



OUTPUT

```
======
A, 65
```

WAP to ask the user to input a character and display that character as well as its ASCII code.

SAMPLE OUTPUT

```
=============
Enter a char:B
Character is B
It's ASCII is 66
```