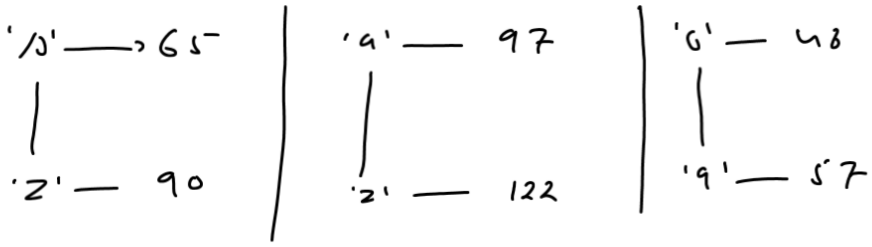
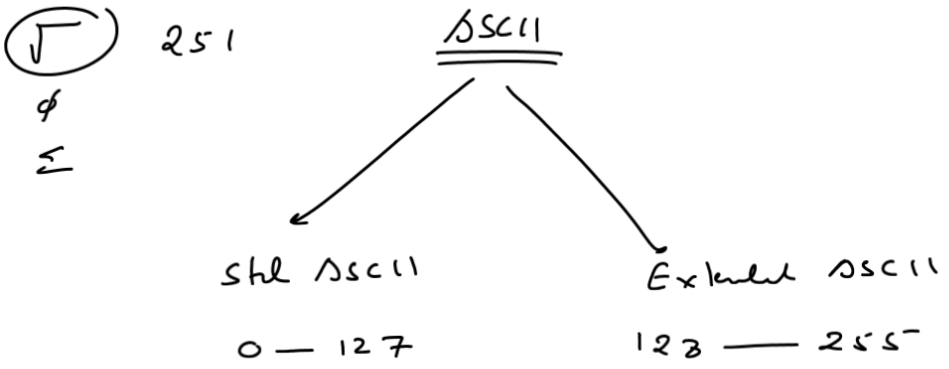
① char
or
signed char

-128 To 127

② unsigned char

0 To 255






```
unsigned char ch;
ch = 251;
printf("%c %d", ch, ch);
```

The float data type

data type	size	Format Sp	Range
① float	4	%f	-3.4×10^{38} To 3.4×10^{38}
② double	8	%lf	-1.7×10^{308} To 1.7×10^{308}
③ long double	10	%Lf	-3.4×10^{4932} To 1.1×10^{4932}

unsigned long int 4B 0 To 4294967295

IEEE

FPE (Floating Point Emulator)

2.7

```
char ch;
ch = '\0';
printf("./d", ch);
```
65

```
int n;
n = 65;
printf("./c", n);
```
A

```
int x;
x = 65.0;
printf("./d", x);
```

```
int x;
x = 65;
printf("./i", x);
```