

```
1: #include <stdio.h>
2: #include <stdlib.h>
3:
4: int main()
5: {
6:     int b5,b4,b3,b2,b1,b0;
7:     int Octal,Octal2,Decimal;
8:     printf("Enter Binary Number (6 digits): ");
9:     scanf("%d %d %d %d %d %d",&b5,&b4,&b3,&b2,&b1,&b0);
10:
11:     printf("Binary Number = %d%d%d%d%d%d\n",b5,b4,b3,b2,b1,b0);
12:
13:     Decimal = b5*32 + b4*16 + b3*8 + b2*4 + b1*2 + b0*1 ;
14:     printf("Decimal Number = %d\n", Decimal);
15:
16:     Octal = b5*4 + b4*2 + b3*1 ;
17:     Octal2 = b2*4 + b1*2 + b0*1 ;
18:     printf("Octal Number = %d%d\n", Octal,Octal2);
19:
20:     return 0;
21: }
```