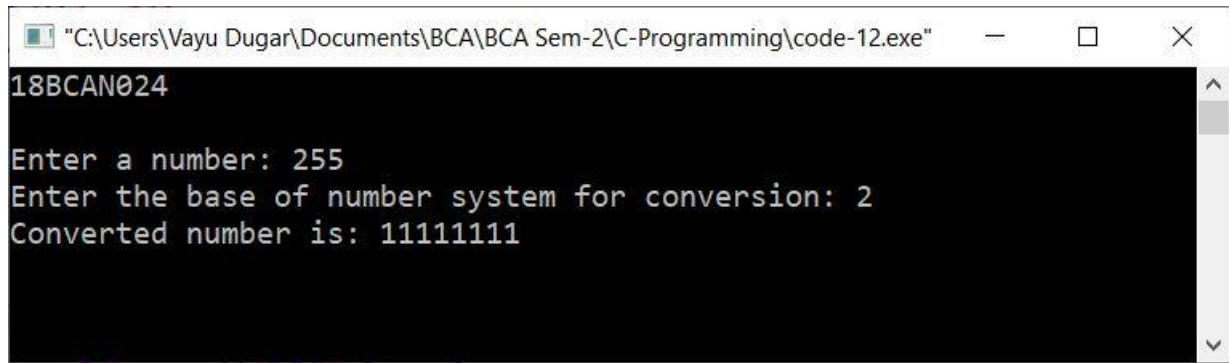


Base conversion (29-1-19)

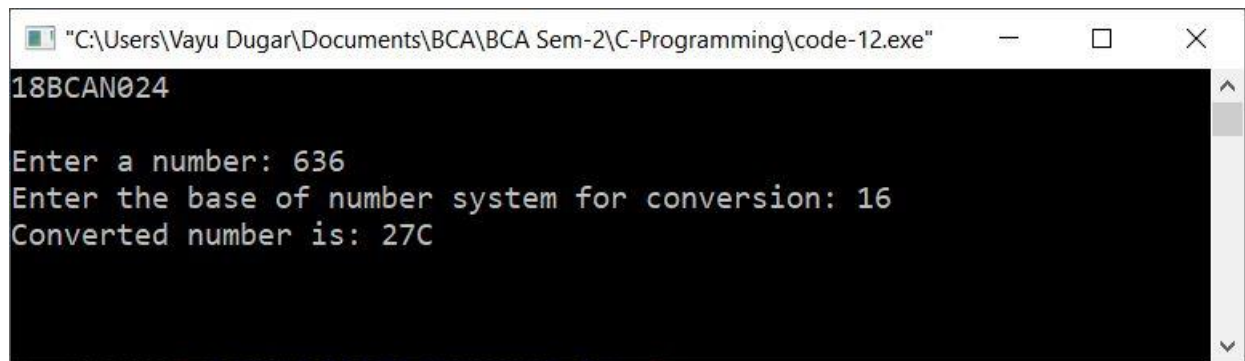
```
#include <stdio.h>
#include <conio.h>

void main()
{
    printf("18BCAN024\n\n");
    int c[20], base, n, i=-1, j;
    printf("Enter a number: ");
    scanf("%d", &n);
    printf("Enter the base of number system for conversion: ");
    scanf("%d", &base);
    while (n != 0){
        c[++i] = n%base;
        n = n/base;
    }
    printf("Converted number is: ");
    for (j=i; j>=0; j--){
        switch(c[j]){
            case 10: printf("A"); break;
            case 11: printf("B"); break;
            case 12: printf("C"); break;
            case 13: printf("D"); break;
            case 14: printf("E"); break;
            case 15: printf("F"); break;
            default: printf("%d", c[j]);
        }
    }
    getch();
}
```



A screenshot of a Windows command prompt window. The title bar shows the file path: "C:\Users\Vayu Dugar\Documents\BCA\BCA Sem-2\C-Programming\code-12.exe". The window contains the following text: "18BCAN024", "Enter a number: 255", "Enter the base of number system for conversion: 2", and "Converted number is: 11111111".

```
"C:\Users\Vayu Dugar\Documents\BCA\BCA Sem-2\C-Programming\code-12.exe"
18BCAN024
Enter a number: 255
Enter the base of number system for conversion: 2
Converted number is: 11111111
```



A screenshot of a Windows command prompt window. The title bar shows the file path: "C:\Users\Vayu Dugar\Documents\BCA\BCA Sem-2\C-Programming\code-12.exe". The window contains the following text: "18BCAN024", "Enter a number: 636", "Enter the base of number system for conversion: 16", and "Converted number is: 27C".

```
"C:\Users\Vayu Dugar\Documents\BCA\BCA Sem-2\C-Programming\code-12.exe"
18BCAN024
Enter a number: 636
Enter the base of number system for conversion: 16
Converted number is: 27C
```