```c
#include <stdio.h>

#define MY_PI 3.1415926535897932

#define AMC_STRING "AstroMediComp RTR"

//If First Constant Is Not Assigned A Value, It Is Assumed To Be 0 i.e: 'SUNDAY' Will Be 0
//And The Rest Of The Constants Are Assigned Consecutive Integer Values From 0 onwards i.e: 'MONDAY' Will Be 1, 'TUESDAY' Will Be 2, and so on...

// Un-named enums
enum
{
    SUNDAY,
    MONDAY,
    TUESDAY,
    WEDNESDAY,
    THURSDAY,
    FRIDAY,
    SATURDAY,
};

enum
{
    JANUARY = 1,
    FEBRUARY,
    MARCH,
    APRIL,
    MAY,
    JUNE,
    JULY,
    AUGUST,
    SEPTEMBER,
    OCTOBER,
    NOVEMBER,
    DECEMBER
};

//Named enums
enum Numbers
{
    ONE,
    TWO,
    THREE,
    FOUR,
    FIVE = 5,
    SIX,
    SEVEN,
    EIGHT,
    NINE,
    TEN
};

enum boolean
{
```

```c
    TRUE = 1,
    FALSE = 0
};

int main(void)
{
    //local constant declarations
    const double epsilon = 0.000001;

    //code
    printf("\n\n");
    printf("Local Constant Epsilon = %lf\n\n", epsilon);

    printf("Sunday Is Day Number = %d\n", SUNDAY);
    printf("Monday Is Day Number = %d\n", MONDAY);
    printf("Tuesday Is Day Number = %d\n", TUESDAY);
    printf("Wednesday Is Day Number = %d\n", WEDNESDAY);
    printf("Thursday Is Day Number = %d\n", THURSDAY);
    printf("Friday Is Day Number = %d\n", FRIDAY);
    printf("Saturday Is Day Number = %d\n\n", SATURDAY);

    printf("One Is Enum Number = %d\n", ONE);
    printf("Two Is Enum Number = %d\n", TWO);
    printf("Three Is Enum Number = %d\n", THREE);
    printf("Four Is Enum Number = %d\n", FOUR);
    printf("Five Is Enum Number = %d\n", FIVE);
    printf("Six Is Enum Number = %d\n", SIX);
    printf("Seven Is Enum Number = %d\n", SEVEN);
    printf("Eight Is Enum Number = %d\n", EIGHT);
    printf("Nine Is Enum Number = %d\n", NINE);
    printf("Ten Is Enum Number = %d\n\n", TEN);

    printf("January Is Month Number = %d\n", JANUARY);
    printf("February Is Month Number = %d\n", FEBRUARY);
    printf("March Is Month Number = %d\n", MARCH);
    printf("April Is Month Number = %d\n", APRIL);
    printf("May Is Month Number = %d\n", MAY);
    printf("June Is Month Number = %d\n", JUNE);
    printf("July Is Month Number = %d\n", JULY);
    printf("August Is Month Number = %d\n", AUGUST);
    printf("September Is Month Number = %d\n", SEPTEMBER);
    printf("October Is Month Number = %d\n", OCTOBER);
    printf("November Is Month Number = %d\n", NOVEMBER);
    printf("December Is Month Number = %d\n\n", DECEMBER);

    printf("Value Of TRUE Is = %d\n", TRUE);
    printf("Value Of FALSE Is = %d\n\n", FALSE);

    printf("MY_PI Macro value = %.10lf\n\n", MY_PI);
    printf("Area Of Circle Of Radius 2 units = %f\n\n", (MY_PI * 2.0f *
      2.0f)); //pi * r * r = area of circle of radius 'r'

    printf("\n\n");

    printf(AMC_STRING);
    printf("\n\n");
```

```
110
111     printf("AMC_STRING is : %s\n", AMC_STRING);
112     printf("\n\n");
113
114     return(0);
115 }
116
117
118
119
```