

```
#include <stdio.h>
#include <stdlib.h>
#define PI 3.14159
#define

int main()
{
    int height = 0, radius = 0;
    double volume = 0.0;

    printf("Enter height of cone as interger:");
    scanf("%d", &height);
    printf("Enter radius of base of cone as integer:");
    scanf("%d", &radius);

    volume = ((double) 1/3)*PI*radius*height; /* assignment statement */

    printf("Volume of cone with radius %d and height %d is %lf.\n", radius,
           height, volume);
    return 0;
}
```

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

int main()
{
    int temp_variable = 0;
    printf("Hello world!\n");

    return 0;
}
```