

## Answer on Question #42226 - Programming - C++

write the c code to find and display the largest power of 5 that is less than 10000 using a while statement your code cannot use the math class

### ANSWER

```
#include <stdio.h>

void main()
{
    int power = 0;
    int result = 1;
    while (result < 10000)
    {
        result *= 5;
        power++;
    }
    power--;
    printf("The largest power of 5 that is less than 10000:\t%d\n", power);
}
```