

## 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);
```

```
}
```