Predict the output of below program

```c
#include<stdio.h>
int main()
{
  char *ptr = "geeksforgeeks";
  printf("%c\n", *&*&*ptr);

  getchar();
  return 0;
}
```

> g

Explanation: The operator * is used for dereferencing and the operator & is used to get the address. These operators cancel effect of each other when used one after another. We can apply them alternatively any no. of times. For example *ptr gives us g, &*ptr gives address of g, *&*ptr again g, &*&*ptr address of g, and finally *&*&*ptr gives 'g'

Now try below

```c
#include<stdio.h>
int main()
{
  char *ptr = "geeksforgeeks";
  printf("%s\n", *&*&ptr);

  getchar();
  return 0;
}
```

> geeksforgeeks