## Quiz

Let's solve a quiz to see where you stand!

Quiz



Which of the following statements are true about dynamic memory allocation?

(You can select multiple correct answers)



What is the value of \*ptr1 at the end of this code?

```
int * ptr1;
  double *ptr2;
  ptr1 = new int;
  ptr2 = new double;
  *ptr1 = 70;
  *ptr2 = 59.5;
  ptr1 = ptr2;
```

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The code given below:

```
int *ptr = nullptr;
delete ptr;
```



Which of the following statements is used to free the dynamically allocated memory?



Consider the statement given below:

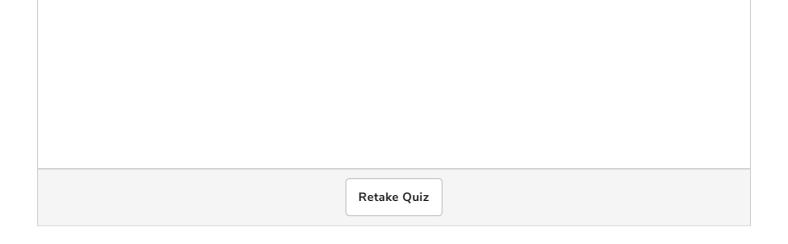
```
int *ptr = new int [5];
```

Which of the following statements is used to free the memory pointed out by ptr?



If dynamic allocation is unsuccessful, then the <a>new</a> operator return a value of

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 $\slash\hspace{-0.6em}$  Congratulations! You have studied the applications of the pointer in this chapter.

Let's move on to the next chapter, where we will discuss the structures in C++.