

# National University of Computer and Emerging Sciences, Lahore Campus



**Course:** OOP  
**Program:** BS(Computer Science)  
**Duration:** 10 Minutes  
**Paper Date:** 07-03-2021  
**Section:** BS-2J  
**Exam:** Quiz-I

**Course Code:** CS217  
**Semester:** Fall2022  
**Total Marks:** 10  
**Page(s):** 1  
**Roll No.**

**Instruction/Notes:** • Negative marks will be awarded for any suspicious activity found during/in the quiz.

**Question:** For the code segment given below, determine output/error. In case of error highlight the exact line that will cause the error.

	Output/Error
<pre> #include&lt;iostream&gt; using namespace std; int* SomeFunction(int j, int x) {     int* ptr = new int[j];      for( int i=0; i&lt; j ; i++)     {         *(ptr+i)= i*5;         x=i*5;         cout&lt;&lt;ptr[i]&lt;&lt;" ";     }     cout&lt;&lt;endl;     return ptr; } int main() {     int* p;     int var=90;     p=var;     cout&lt;&lt;"Var = "&lt;&lt;var&lt;&lt;endl;     cout&lt;&lt;"In Main: *p = "&lt;&lt;*p&lt;&lt;endl;      cout&lt;&lt;"Inside For Loop"&lt;&lt;endl;     for( int i=0; i&lt; 3 ; i++)     {         p = SomeFunction(i+1,var);     }     cout&lt;&lt;"Var = "&lt;&lt;var&lt;&lt;endl;     delete[] p;     return 0; }                 </pre>	