2023-03-27 예고퀴즈

이름: 학번

1. 아래에서 함수signature가 같아서 overloading될 수 없는 함수선언은 무엇인가?
2. 1번 답이 되는 함수선언을 주석처리한 후의 실행결과를 써라

|  |  |
| --- | --- |
| #include <iostream>  using namespace std;  void Ambiguous( int a, int b );  void Ambiguous( int a );  void WhichOne(float f);  void WhichOne(double f);  void WhichOne(int f);  void whichFunc( int i );  void whichFunc( int\* ip );  void whichFunc( int& r );  int main(){  Ambiguous(50);  Ambiguous(-50, 60);  WhichOne(5);  WhichOne(5.0f);  int k = 100;  whichFunc(k);  whichFunc(&k);  return 0;  }  void Ambiguous( int a, int b ){  cout << "I'm in Ambiguous(int a, int b)" << endl;  }  void Ambiguous(int a){  cout << "I'm in Ambiguous(int a)" << endl;  } | void WhichOne(float f){  cout << "I'm in WhichOne(float f) " << f << endl;  }  void WhichOne(double f){  cout << "I'm in WhichOne(double f) " << f << endl;  }  void WhichOne(int f){  cout << "I'm in WhichOne(int f) " << f << endl;  }  void whichFunc( int i ){  cout << "I'm in whichFunc( int i )" << endl;  }  void whichFunc( int\* ip ){  cout << "I'm in whichFunc( int\* ip )" << endl;  }  void whichFunc( int& r ){  cout << "I'm in whichFunc( int& r )" << endl;  } |

Ans)

1. void whichFunc( int& r );
2. I'm in Ambiguous(int a)

I'm in Ambiguous(int a, int b)

I'm in WhichOne(int f) 5

I'm in WhichOne(float f) 5

I'm in whichFunc( int i )

I'm in whichFunc( int\* ip )