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//**********************************************
//* HW#3 Problem 1: use for parts a and b and c **
//**********************************************


///////////////////////////////
atomic  void say(int id)
{
   switch (id)
   {  case 1:
      {cout << "Stop "; break;}
      case 2:
      {cout << "Look "; break;}
      case 3:
      {cout << "Listen "; break;}
      case 4:
      {cout << "Cross "; break;}
   }
}


///////////////////////////////
void ProcessStop()
{
   say(1);
}


///////////////////////////////
void ProcessLook()
{
   say(2);
}



///////////////////////////////
void ProcessListen()
{
   say(3);
}


///////////////////////////////



///////////////////////////////
void ProcessCross()
{
   say(4);
}


///////////////////////////////
main()
{
   cobegin {
     ProcessStop(); // This will start all 4 processes concurrently
     ProcessLook();
     ProcessListen();
     ProcessCross();
   }
     cout << endl;
```

```
}
```