**Introduction to Computing**

**Section B**

**Date: 14th March 2018**

**Roll No.\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Total marks:10**

**Write the output of the following code.**

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| --- |
| #include <iostream>  using namespace std;  int main()  {  int i=0,j=0,range=5,k=0,count=0,count1=0;    for(i=1;i<=range;++i)  {  for(j=1;j<=range-i;++j)  {  cout<<" ";  ++count;  }  while(k!=2\*i-1)  {  if (count<=range-1)  {  cout<<i+k<<" ";  ++count;  }  else  {  ++count1;  cout<<i+k-2\*count1<<" ";  }  ++k;  }  count1=count=k=0;  cout<<"\n";  }    return 0;  } |