Abdul Rehman (19L-1135)  
Section: CS-3B  
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**Question#1**AdjMatrix\*\* square(){  
 type AdjMatrix[verI][verJ] = 0;

for all AdjList of all vertices in the{ //x  
 Node<type>\* temp=AdjList.begin();  
 for each vertex in the list{ //y  
 if(u==y)  
 AdjMatrix[x][y] = 1

}else{ AdjMatrix[x][y] = 0}

Return AdjMatrix;  
}  
 **Question#2**  
vector<type> outDegreeSums(){  
  
vector<type>PathSums;  
int sum;  
  
for all AdjList of all vertices in the{   
 Node<type>\* temp=AdjList.begin();  
 sum=0;  
 for each vertex in the list{  
 sum=sum+ temp->outdegrees;

}  
PathSums.push(sum);  
}

Return PathSums;  
}