```
[] G & Share
                                                                                   Run
       main.c
                                                                                             Output
        1 #include <stdio.h>
                                                                                            Process Size
                                                                                                           Block
R
       2 - int main() {
                                                                                            B4
       3
              int blockSize[5]={100,500,200,300,600},processSize[4]={212,417,112,426};
                                                                                            1
                                                                                               212
              int m=5,n=4,alloc[4],i,j,bst;
                                                                                            B2
       4
              for(i=0;i<n;i++){ bst=-1;
                                                                                            2
                                                                                               417
                  for(j=0;j<m;j++)</pre>
                                                                                           B3
       6
9
                      if(blockSize[j]>=processSize[i])
                                                                                           3
                                                                                               112
                          if(bst==-1||blockSize[j]<blockSize[bst]) bst=j;</pre>
       8
                                                                                           B5
       9
                  if(bst!=-1){ alloc[i]=bst; blockSize[bst]-=processSize[i]; }
                                                                                           4 426
       10
                  else alloc[i]=-1;
0
       11
       12
              printf("Process\tSize\tBlock\n");
                                                                                            === Code Execution Successful ===
              for(i=0;i < n;i++) \ printf("%d\t%d\t%s\n",i+1,processSize[i],
       13
       14
                  alloc[i]!=-1?(printf("B%d\n",alloc[i]+1),""):"Not Allocated");
       15 }
       16
```