```
import java.util.Scanner;

public class _10_first_fit
{
   public static void main(String args[])
   {
      Scanner sc=new Scanner(System.in);
      System.out.println("Enter no. of jobs: ");
      int n=sc.nextInt();
      int req[]=new int[n];
      int job[]=new int[n];
      System.out.println("Enter no. of blocks: ");
      int m=sc.nextInt();
      int b[]=new int[m];
      int avl[]=new int[m];
      int f[]=new int[m];

      for(int i=0;i<n;i++)
      {
         System.out.println("Enter memory requirement for job "+(i+1)+" : ");
         req[i]=sc.nextInt();
         job[i]=(i+1);
      }

      System.out.println();
      for(int i=0;i<m;i++)
      {
         System.out.println("Enter memory available for block "+(i+1)+" : ");
         avl[i]=sc.nextInt();
         b[i]=(i+1);
```

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}

System.out.println("MEMORY REQUIREMENT:");
System.out.println("JOB\t M_REQUIREMENT");
for(int i=0;i<n;i++)
{
   System.out.print(job[i]+"\t"+req[i]);
   System.out.println();
}

System.out.println();
System.out.println("MEMORY AVAILABLE:");
System.out.println("BLOCK\t M_AVAILABLE");
for(int i=0;i<m;i++)
{
   System.out.print(b[i]+"\t"+avl[i]);
   System.out.println();
}

for (int i=0;i<n;i++)
{
   f[i]= 0;
}

System.out.println();
System.out.println("JOB\t BLOCK");
for(int i=0;i<n;i++)
{
   for(int j=0;j<m;j++)
   {
```

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            if(req[i]<=avl[j] && f[j]==0)
            {
               f[j]=1;
               System.out.println(job[i]+"\t-->"+b[j]);
               break;
            }
          }
       }
       sc.close();

   }
}
```