|  |  |  |  |
| --- | --- | --- | --- |
| [m,n]=size(a);[n,r]=size(b);  for i=1:1:m  for j=1:1:r  c(:,j)=a(i,:)’.\*b(:,j);  end  v=c(1,:);  for k=2:1:n  v=v+c(k,:);  end  d(i,:)=v;  end |  | r |  |
|  | [37 40 56 22]n | [53 56 74 46] |
| r+n | Total m(n+r) |
| Show multiplication of and  as shown above. | | |