1. for(int i=1;i<=n*n;i++)
 cout<<"Coder Army";</pre>

big(O) -> n^2 big(theta) -> n^2 big(omega) -> n^2

2: for(int i=1;i<=n*n;i=i+2) cout<<"Coder Army"

> big(O) -> n^2 big(theta) -> n^2 big(omega) -> n^2

3: for(int i=1;i<=n;i++)
for(int j=1;j<=n;j=j+5)
cout<<"Coder Army";

big(O) -> n^2/5 big(theta) -> n^2 big(omega) -> n^2

4: for(int i=1;i<=n;i++)
 for(int j=i;j<=n;j=j++)
 cout<<"Coder Army";
 big(O) -> n^2
 big(theta) -> n^2
 big(omega) -> n^2

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5: for(int i=1;i<=n;i++)
    for(int j=1; j <=n; j=j*4)
    cout<<"Coder Army";
 big(O) \rightarrow (n*log4(n))
 big(theta) \rightarrow (n*log4(n))
 big(omega) ->(n*log4(n))
6: for(int i=1;i <= n;i=i*2)
    for(int j=1;j<=i;j=j++)
    cout<<"Coder Army";
 big(O) \rightarrow (log2(n)*n)
 big(theta) \rightarrow (log2(n)*n)
 big(omega) ->(log2(n)*n)
7: for(int i=1;i<=n;i++)
    for(int j=1;j <=n;j=j++)
    for(int k=1;k\leq n;k=k*3)
    cout<<"Coder Army";
 big(O) \rightarrow (n*n*log3(n))
 big(theta) -> (n*n*log3(n))
 big(omega) \rightarrow (n*n*log3(n))
8: for(int i=1;i<=n;i++)
    for(int j=1;j <= n;j=j++)
    for(int k=1;k \le n;k++)
    cout<<"Coder Army";
big(n<sup>3</sup>) in all formate
```