**Day 24/180 Time and Space Complexity**

**Find the Time Complexity Big(O), Theta, Omega:**

1. for(int i=1;i<=n\*n;i++)

cout<<"Coder Army";

2: for(int i=1;i<=n\*n;i=i+2)

cout<<"Coder Army";

3: for(int i=1;i<=n;i++)

for(int j=1;j<=n;j=j+5)

cout<<"Coder Army";

4: for(int i=1;i<=n;i++)

for(int j=i;j<=n;j=j++)

cout<<"Coder Army";

5: for(int i=1;i<=n;i++)

for(int j=1;j<=n;j=j\*4)

cout<<"Coder Army";

6: for(int i=1;i<=n;i=i\*2)

for(int j=1;j<=i;j=j++)

cout<<"Coder Army";

7: for(int i=1;i<=n;i++)

for(int j=1;j<=n;j=j++)

for(int k=1;k<=n;k=k\*3)

cout<<"Coder Army";

8: for(int i=1;i<=n;i++)

for(int j=1;j<=n;j=j++)

for(int k=1;k<=n;k++)

cout<<"Coder Army";

**Learn more about the Auxiliary Space Complexity and Total Space Complexity.**