Activity 7

**Find the big O notation for the following piece of codes**

1. for (i=n ; i>0 ; i--)

{

Statement

}

Big-O =

1. for (i=1 ; i<n ; i=i+2)

{

Statement

}

Big-O =

1. for (i=0 ; i<n ; i++)

{

for (j=0 ; j<n ; j++)

{

Statement

}

}

Big-O =

1. for (i=0 ; i<n ; i++)

{

for (j=0 ; j<i ; j++)

{

Statement

}

}

Big-O =

1. for(i=1 ; i<n ; i=i\*2)

{

Statement

}

Big-O =

1. for(i=n;i>=1;i=i/2)

{

Statement

}

Big-O =

1. for (i=0; i\*i<n ; i++)

{

Statement

}

for(j=0; j<n; j++)

{

Statement

}

Big-O =