* **10 CLASSES Report:**
* Class 1 which is:

class A

{

private:

int b;

protected:

int c;

public:

These variables are accessible in class A and F, only variables with public access modifier is accessible outside both classes A and F , while other variables are not.

* Class 2 which is:

class B

{

private:

int e;

protected:

int f;

public:

int d;

These variables are accessible in class B and G, only variables with public access modifier is accessible outside both classes B and G, while other variables are not.

* Class 3 which is:

class C

{

private:

int h;

protected:

int i;

public:

int g;

These variables are accessible in class C only variables with public access modifier is accessible outside main class because there is no class inherit from class C, while other variables are not.

* Class 4 which is:

class D

{

private:

int k;

protected:

int l;

public:

*int*  j;

These variables are accessible in class D only variables with public access modifier is accessible outside main class because there is no class inherit from class D, while other variables are not.

* Class 5 which is:

Class E:

{

private:

int n;

protected:

int o;

public:

int m;

These variables are accessible in class E only variables with public access modifier is accessible outside main class because there is no class inherit from class D, while other variables are not.

* Class 6 which is:

Class F

{

private:

int q;

protected:

int r;

public:

int p;

These variables are accessible in class F and A, only variables with public access modifier is accessible outside both classes F and A, while other variables are not.

* Class 7 which is:

class G

{

private:

int t;

protected:

int u;

public:

int s;

These variables are accessible in class G and F, only variables with public access modifier is accessible outside both classes F and G, while other variables are not.

* Class 8 which is :

class H

{

protected:

int x;

private:

int w;

public:

int v;

These variables are accessible in class G and H, only variables with public access modifier is accessible outside both classes H and G, while other variables are not.

Class 9 which is:

class I

{

protected:

int a1;

private:

int z;

public:

int y;

These variables are accessible in class G,I and H, only variables with public access modifier is accessible outside both classes H ,I and G, while other variables are not.

* Class 10 which is:

class J

{

protected:

int a4;

private:

int a3;

public:

int a2;

These variables are accessible in class G,I , H and J only variables with public access modifier is accessible outside both classes H ,I ,G and J while other variables are not.

Thankyou.