

CA - IVth sem

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Run time polymorphism

A polymorphism which is achieved by runtime is called runtime polymorphism or dynamic polymorphism.

① Run time polymorphism is achieved in one way.

→ Virtual functions.

PROGRAM

RUN TIME POLYMORPHISM

```
#include <iostream.h>
```

```
#include <conio.h>
```

```
class A
```

```
{
```

```
    public:
```

```
    virtual void show()
```

```
{
```

```
    cout << "Hi i am base class" << endl;
```

```
}
```

```
};
```

```
class B : public A
```

```
{
```

```
    public:
```

```
    void show()
```

```
};
```

```
{  
    cout << "Hi i am Derive class";  
}  
};  
  
void main()  
{  
    clrscr();  
    A * p;  
    B ob;  
  
    p = &ob;  
  
    P->show();  
    getch();  
};
```

OUTPUT

Hi i am derive class