

main.cpp	Output
<pre>1 #include <iostream> 2 using namespace std; 3 4 class Cricketer { 5 protected: 6 string name; 7 int age; 8 int totalMatches; 9 }; 10 11 class Bowler : virtual public Cricketer { 12 public: 13 int totalWicketsTaken; 14 float bowlingAverage; 15 16 Bowler() {} 17 Bowler (string n, int a, int tMatches, int tWicketsTaken, float bowAverage) 18 {} 19 20 virtual void displayDetails() 21 {} 22 }; 23 24 class Batsman : virtual public Cricketer { 25 public: 26 int totalRuns; 27 float battingAverage; 28 29 Batsman() {} 30 Batsman (string n, int a, int tMatches, int tRuns, float batAverage) 31 {} 32 33 virtual void displayDetails() 34 {} 35 }; 36 37 class Allrounder : public Bowler, public Batsman { 38 public: 39 Allrounder (string n, int a, int tMatches, int tWicketsTaken, float bowAverage, int tRuns, float batAverage) 40 {} 41 42 void displayDetails() 43 {} 44 }; 45 46 int main () 47 {}</pre>	<pre>/tmp/iY5tWtn13W.o Name: Batsman Name Age: 21 Total Matches: 64 Total Runs: 256 Batting Average: 51.2 Name: Bowler Name Age: 24 Total Matches: 73 Total Wickets Taken: 32 Bowling Average: 36.8 Name: All Rounder Name Age: 22 Total Matches: 38 Total Wickets Taken: 5 Bowling Average: 12.8 Total Runs: 130 Batting Average: 18.3 --- Code Execution Successful ---</pre>

main.cpp



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Run

Output

```
1 #include <iostream>
2 using namespace std;
3
4 class Account {
5     protected:
6         int accountNumber;
7         string accountHolderName;
8         float balance;
9 };
10
11 class SavingAccount : virtual public Account {
12     public:
13         float interestRate;
14
15     SavingAccount() {}
16     SavingAccount(int aNumber, string aHolderName, float bal, float iRate)
17     {}
18
19     virtual void displayDetails()
20     {}
21 };
22
23 class CurrentAccount : virtual public Account {
24     public:
25         float overdraftLimit;
26
27     CurrentAccount() {}
28     CurrentAccount(int aNumber, string aHolderName, float bal, float oLimit)
29     {}
30
31     virtual void displayDetails()
32     {}
33 };
34
35 class FixDepositAccount : public SavingAccount, public CurrentAccount {
36     public:
37         float depositTerm;
38
39     FixDepositAccount(int aNumber, string aHolderName, float bal, float
40     dTerm, float iRate, float oLimit)
41     {}
42
43     void displayDetails()
44     {}
45 };
46
47 int main ()
48 {}
```

```
/tmp/d9usTo0zmL.o
Account Number: 3007432
Account Holder Name: Saving Account Holder
Balance: 132000
Interest Rate: 7.25

Account Number: 2856003
Account Holder Name: Current Account Holder
Balance: 200600
Overdraft Limit: 25000

Account Number: 3008619
Account Holder Name: Fix Deposit Account Holder
Balance: 380528
Deposit Term: 3.5
Interest Rate: 15.8
Overdraft Limit: 20000
```

--- Code Execution Successful ---