

A2

```
#include <bits/stdc++.h>
using namespace std;

struct Node {
    string uid;
    bool dms, dsa, java;
    Node * next = NULL;
    Node(string val, bool a, bool b,
         bool c)
    {
        uid = val;
        dms = a;
        java = b;
        dsa = c;
    }
};
```

```
Node * root = NULL;
void insert(string str, bool dms,
            bool java, bool dsa)
{
    Node * temp = new Node(str, dms,
                           java, dsa);
    if (root == NULL) {
        root = temp;
        return;
    }
}
```

```
void enrolled(Node * root)
{
    Node * temp = root;
    while (temp) {
        if (temp->dms && temp->
            java && temp->dsa)
            cout << temp->uid << "66\n";
    }
}
```




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```
temp = temp -> next; }
```

```
int main() {
```

```
    insert(66, "20BCS7751", true, true, true);
```

```
    insert(66, "20BCS7752", true, false, true);
```

```
    insert(66, "20BCS5652", true, true, true);
```

```
    cout << 66 << "Students enrolled in all" << endl;
```

```
        enrolledStudents(rset);
```

```
    return 0;
```

```
}
```