

Q₁

Class Time {

int hr, min, sec;

Public

Time () {

cout << "Enter hour : ";

cin >> hr;

cout << "Enter min : ";

cin >> min;

cout << "Enter sec : ";

cin >> sec;

}

Time (int hrr, int minn, int secc) {

hr = hrr;

min = minn;

sec = secc;

{

void getTime () {

cout << "Enter hour : ";

cin >> hr;

cout << "Enter min : ";

cin >> min;

cout << "Enter sec : ";

cin >> sec;

{

void putTime () {

cout << "Time : " << hr << " : " << min << " : " << sec << endl;

{

```

int hr() { return hr; }
int min() { return min; }
int sec() { return sec; }
void puthr(int hr) { hr = hr; }
void putmin(int min) { min = min; }
void putsec(int sec) { sec = sec; }

```

```

Time addTime (Time T1, Time T2) {
    Time temp (0, 0, 0);
    temp.puthr (
        temp.puthr (T1.hr() + T2.hr());
        temp.putmin (T1.min() + T2.min());
        temp.putsec (T1.sec() + T2.sec());
    return temp;
}

```

Q2

- a) All 1, 2, 3

Q3

```

#include <iostream>
using namespace std;

```

```

int main() {

```

```

    int n;
    cout << "Enter the size of n:";
    cin >> n;

```

```

    int * student = new int [n];

```

```

}

```

```
class student {  
    public  
    int marks ;  
:
```

```
nt main ( ) {
```

```
int size;
```

```
int size;
```

```
int size = 1, t = 1;
```

```
Student * a = new student [1];
```

```
while ( t ) {
```

```
    cout << " Enter 1 to insert '\n' ";
```

```
    cout << " Enter 2 to delete '\n' ";
```

```
    cout << " Enter 0 to exit '\n' ";
```

```
    cin >> t;
```

```
    switch ( t ) {
```

```
        case 0:
```

```
            break;
```

```
        case 1:
```

```
            int value;
```

```
            cout << " Enter the value ";
```

```
            cin >> value;
```

```
            Student * temp = new Student [size+1];
```


Date _____
Page _____

```

for (int i=0; i<size; i++)
    temp[i] = arr[i];
temp[size], arr makes = value;
Size += 1;
a = new int [size+1];
temp;
Student * to delux = a;
a = temp;
delux[] to delux;
break;

```

Case 2:

```

Student temp = arr new Student[size-1];

```

```

for (int i=0; i<(Size-1); i++)
    temp[i] = new arr[i];

```

```

Size--;
Student * to delux = a;
a = temp;
delux[] to delux;
break;

```

~~con~~

```

default :
    cout << " Invalid input ";

```

}

}

Q5

constructor
constructor
constructor

constructor

destructor

destructor

destructor

destructor