

Q)

Pseudo Code:

- 1) First initialize t
- 2) And applying a loop on t,
- 3) initialize the variables salary , DA , HRA
- 4) Applying a check if Salary is greater than 1500 then , put the value $DA = 0.90 * \text{Salary}$ and put the value $HRA = 0.10 * \text{Salary}$, print the value of salary + HRA + DA
- 5) Else $DA = 0.98 * \text{salary}$ and $HRA = 500$ print the value of salary + HRA + DA

Implementation:

```
#include <iostream>
```

```
Using namespace std;
```

```
int main(void) {  
    int T,i;  
    cin>>T;  
    for(i=0;i<T;i++)  
    {  
        float salary,DA=0.00,HRA=0.00;  
        cin>>salary;  
        if(salary<1500)  
        {  
            DA=.90*salary;  
            HRA=.10*salary;  
            cout<<(salary+HRA+DA);  
        }  
        else  
        {  
            DA=.98*salary;  
            HRA=500;  
            cout<<(salary+HRA+DA);  
        }  
    }  
    return 0;  
}
```