# Question.2

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(ii)

```cpp
# include <bits/stdc++>

class dArray
{
    int size;
    int *arr;
    public:
    dArray (int n)
    {
        size = n;
        arr = new int [size];
    }
    ~dArray ()
    {
        arr = NULL;
        size = 0;
    }
    void getData ()
    {
        int i=0;
        for(i = 0; i<size; i++)
        {
            cin << arr [i];
        }
    }
    void display ()
    {
        int i=0;
        for (i= 0; i<size; i++)
        {
            cout >> arr [i];
        }
    }
}
```

arr

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```
int getsize()
{
    return size;
}

int getval (int x)
{
    return arr[x];
}

void join(dArray A, dArray B)
{
    int i,num = 0;
    for (i=0; i< A.getsize(); i++)
    {
        num = A.getval(i);
        arr[i] = num;
    }
    for(i= A.getsize(); i<B
    for (int j= 0; j< B.getsize(); j++)
    {
        num = B.getval(j);
        arr[i] = num;
        i++;
    }
}
};
```

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```
int main()
{
        dArray A(5);
        dArray B(6);

        A.getData();
        B.getData();

        dArray c (5+6);
        c.join();
        c.join(A, B);

}
```