



C++ 三级

2023 年 9 月

1 单选题（每题 2 分，共 30 分）

题号	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
答案	B	B	C	B	A	A	B	C	C	A	B	D	B	D	B

2 判断题（每题 2 分，共 20 分）

题号	1	2	3	4	5	6	7	8	9	10
答案	×	√	×	×	√	×	×	×	√	√

3.1.10 参考程序

```
1  #include <iostream>
2  using namespace std;
3
4  int jar[1000];
5  int main() {
6      int n = 0, d = 0;
7      cin >> n >> d;
8      for (int i = 0; i < n; i++)
9          jar[i] = 0;
10     for (int i = 1; i <= d; i++) {
11         int a = 0;
12         cin >> a;
13         jar[a] += i;
14     }
15     cout << jar[0];
16     for (int i = 1; i < n; i++)
17         cout << " " << jar[i];
18     cout << endl;
19     return 0;
20 }
```



3.2.9 参考程序

```
1  #include <iostream>
2  using namespace std;
3
4  int main() {
5      int n = 0;
6      cin >> n;
7      for (int i = 0; i < n; i++) {
8          char str[11];
9          cin >> str;
10         char max = '0';
11         for (int i = 0; str[i] != '\0'; i++)
12             if (str[i] > max)
13                 max = str[i];
14         cout << (max <= '1') << " " << (max <= '7') << " " << (max <= '9') << " " <<
15         (max <= 'F') << endl;
16     }
17     return 0;
18 }
```