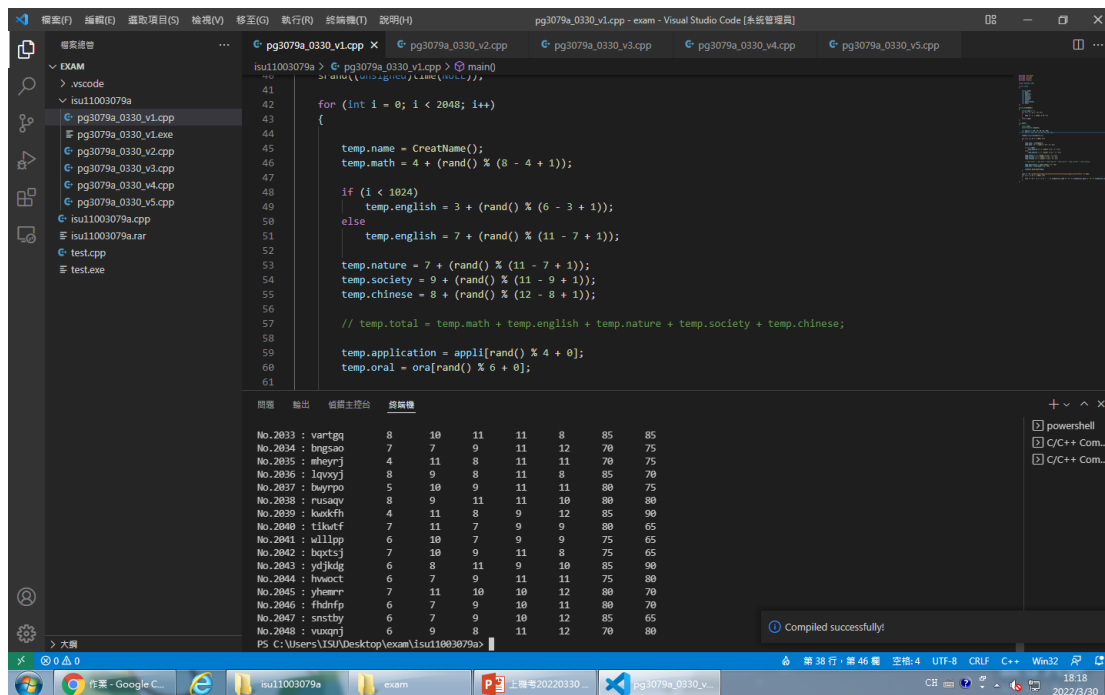


V1

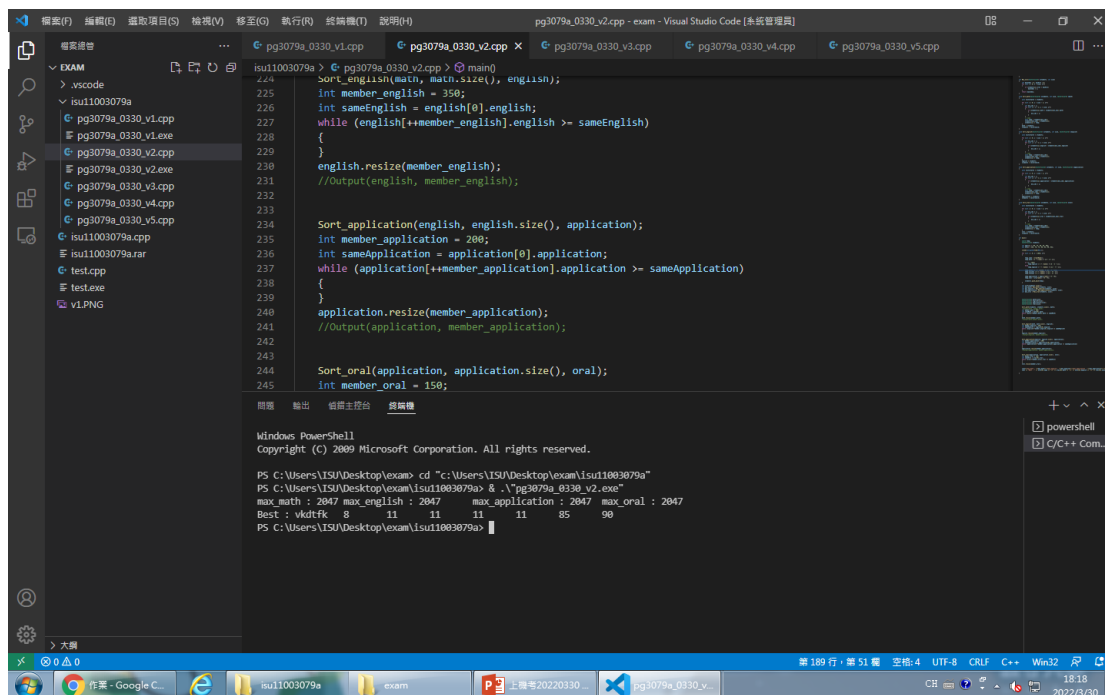


```
isul1003079a > .\pg3079a_0330_v1.exe
41
42 for (int i = 0; i < 2048; i++)
43 {
44
45     temp.name = CreatName();
46     temp.math = 4 + (rand() % (8 - 4 + 1));
47
48     if (i < 1024)
49         temp.english = 3 + (rand() % (6 - 3 + 1));
50     else
51         temp.english = 7 + (rand() % (11 - 7 + 1));
52
53     temp.nature = 7 + (rand() % (11 - 7 + 1));
54     temp.society = 9 + (rand() % (11 - 9 + 1));
55     temp.chinese = 8 + (rand() % (12 - 8 + 1));
56
57     // temp.total = temp.math + temp.english + temp.nature + temp.society + temp.chinese;
58
59     temp.application = appli[rand() % 4 + 0];
60     temp.oral = ora[rand() % 6 + 0];
61 }
```

No.	姓	名	8	10	11	8	85	85
No.2033	vartgq		8	10	11	8	85	85
No.2034	bngsao		7	7	9	11	12	70
No.2035	mheymj		4	11	8	11	11	70
No.2036	lqngj		8	9	8	11	8	85
No.2037	bayrpo		5	10	9	11	11	80
No.2038	rusaqv		8	9	11	11	10	80
No.2039	kwakfh		4	11	8	9	12	85
No.2040	lkketf		7	11	7	9	9	80
No.2041	wlllpp		6	10	7	9	9	75
No.2042	bqxtsj		7	10	9	11	8	75
No.2043	ydkjdg		6	8	11	9	10	85
No.2044	hwocct		6	7	9	11	11	75
No.2045	yhemrn		7	11	10	10	12	80
No.2046	rhdhfp		6	7	9	10	11	80
No.2047	snstby		6	7	9	10	12	85
No.2048	vuxgnj		6	9	8	11	12	70

Compiled successfully!

V2



```
isul1003079a > .\pg3079a_0330_v2.exe
224 sort_english(main, math.size(), english);
225 int member_english = 350;
226 int sameEnglish = english[0].english;
227 while (english[++member_english].english >= sameEnglish)
228 {
229 }
230 english.resize(member_english);
231 //Output(english, member_english);
232
233 Sort_application(english, english.size(), application);
234 int member_application = 200;
235 int sameApplication = application[0].application;
236 while (application[++member_application].application >= sameApplication)
237 {
238 }
239 application.resize(member_application);
240 //Output(application, member_application);
241
242 Sort_oral(application, application.size(), oral);
243 int member_oral = 150;
```

Windows PowerShell
Copyright (C) 2009 Microsoft Corporation. All rights reserved.

PS C:\Users\ISU\Desktop\exam> cd "c:\Users\ISU\Desktop\exam\isul1003079a"
PS C:\Users\ISU\Desktop\exam\isul1003079a> & ".\pg3079a_0330_v2.exe"
max_math : 2047 max_english : 2047 max_application : 2047 max_oral : 2047
Best : vldtfx 8 11 11 11 11 85 90
PS C:\Users\ISU\Desktop\exam\isul1003079a>

V3

```

77
78 void Sort_application(vector<score> &students, int size, vector<score> &application)
79 {
80     auto vectorCatch = students;
81
82     for (int i = 0; i < size - 1; i++)
83     {
84         int min_idx = i;
85         for (int j = i + 1; j < size; j++)
86         {
87             if (students[j].application > students[min_idx].application)
88             {
89                 min_idx = j;
90             }
91         }
92         // swap
93         auto temp = students[min_idx];
94         students[min_idx] = students[i];
95         students[i] = temp;
96     }
97     application = students;

```

准考证	姓名	准考证	姓名	准考证	姓名	准考证	姓名
No.158	: ptuagb	8	9	11	11	10	85 70
No.159	: kbyrxh	8	10	9	9	10	80 70
No.160	: reohg	7	8	7	11	9	85 70
No.161	: drofuk	7	8	7	10	9	80 70
No.162	: jatdg	7	8	9	10	12	80 70
No.163	: efxcfw	7	9	11	9	10	85 70
No.164	: xaghd	7	9	8	10	9	85 70
No.165	: tetulv	8	7	8	9	8	80 70
No.166	: cdxoa	8	7	11	11	9	80 70
No.167	: ojsaat	8	7	7	10	9	80 70
No.168	: jryyaa	7	7	11	10	8	85 70
No.169	: wkonkh	7	11	10	10	10	85 70
No.170	: shtlih	7	11	11	9	10	85 70
No.171	: yjwmg	7	10	11	11	12	85 70
No.172	: ovaiki	8	7	10	9	8	80 70
No.173	: jlhjbr	7	10	8	9	9	80 70

Compiled successfully!

V4

```

188 //Output(english, member_english);
189
190 Sort_application(english, english.size(), application);
191 int member_application = 0;
192 int sameApplication = application[0].application;
193 while (application[member_application].application >= sameApplication)
194 {
195     application.resize(member_application);
196 }
197 //Output(application, member_application);
198
199 Sort_oral(application, application.size(), oral);
200 int member_oral = 150;
201 int sameOral = oral[0].oral;
202 while (oral[member_oral].oral >= sameOral)
203 {
204     oral.resize(member_oral);
205 }
206
207
208

```

准考证	姓名	准考证	姓名	准考证	姓名	准考证	姓名
No.135	: arepfj	8	8	10	9	12	75 70
No.136	: snyedn	8	8	11	9	9	85 75
No.137	: srithl	8	8	9	9	11	85 65
No.138	: cvhoom	8	7	7	10	10	70 70
No.139	: luxcds	8	7	11	11	10	80 85
No.140	: wbmhu	8	7	8	9	10	80 85
No.141	: wyljyb	8	7	11	10	10	70 90
No.142	: guspjn	8	7	10	10	12	75 90
No.143	: rashuv	8	7	9	10	8	80 80
No.144	: kudylx	8	7	7	9	10	80 65
No.145	: lamsps	8	7	10	9	12	85 70
No.146	: qggtab	8	7	9	9	12	85 75
No.147	: jrpttp	8	7	8	11	9	75 75
No.148	: yagpja	8	7	9	9	10	85 75
No.149	: jtdtfl	8	7	7	10	9	85 75
No.150	: aothod	8	7	9	11	8	80 75

Compiled successfully!

V5

The screenshot shows the Visual Studio Code interface with a C++ project named 'EXAM'. The file explorer on the left lists various files, including 'pg3079a_0330_v1.cpp' through 'v4.PNG'. The main editor displays the source code for 'pg3079a_0330_v5.cpp', which includes a `main` function. The code generates a table of student data with columns for No., name, math, english, nature, society, chinese, application, and Oral. The output window at the bottom shows the rendered table, and a status bar at the bottom right indicates 'Compiled successfully!'.

```

133 int main()
134 {
135     score temp;
136     vector<score> students;
137
138     int appli[] = {70, 75, 80, 85, 90};
139     int ora[] = {65, 70, 75, 80, 85, 90, 95};
140
141     srand((unsigned)time(NULL));
142
143     for (int i = 0; i < 2048; i++)
144     {
145         temp.name = CreatName();
146         temp.math = 4 + (rand() % (8 - 4 + 1));
147
148         if (i < 1024)
149             temp.english = 3 + (rand() % (6 - 3 + 1));
150         else
151             temp.english = 7 + (rand() % (11 - 7 + 1));
152
153         temp.nature = 7 + (rand() % (11 - 7 + 1));
154     }

```

No.	name	math	english	nature	society	chinese	application	Oral
No.0 :	eltack	8	11	10	9	9	85	90
No.10 :	clhrv	8	6	7	11	12	85	90
No.20 :	kolvo	7	6	8	9	8	80	90
No.30 :	vruhs	8	8	7	9	9	85	85
No.40 :	gejus	8	6	9	9	8	85	85
No.50 :	hmklag	7	5	7	9	11	85	85
No.60 :	vajsvw	8	5	9	9	9	80	85
No.70 :	fjlbae	8	6	10	11	11	75	85
No.80 :	colmcy	8	11	7	9	9	85	80
No.90 :	hihhp	8	8	9	9	11	85	80
No.100 :	sfjee	8	7	7	11	12	75	80
No.110 :	udauxq	8	6	9	10	8	85	80
No.120 :	djpdoy	8	9	8	10	12	85	75
No.130 :	vsgcyk	8	8	11	11	9	80	75
No.140 :	rthdpf	8	9	8	10	8	80	70

PS C:\Users\ISU\Desktop\exam\isu1003079a>