

```

1  //judul:
2
3  #include <iostream>
4  using namespace std;
5
6  //kamus:
7
8  string ulang, nama, prodi, nim1, nim2, nim3, matkul1, matkul2, matkul3, matkul4, matkul5,
matkul6, matkul7;
9  int i, jMatkul, sks1, sks2, sks3, sks4, sks5, sks6, sks7;
10 float nMid, nUAS, nTugas, score1, score2, score3, score4, score5, score6, score7, bobot1,
bobot2, bobot3, bobot4, bobot5, bobot6, bobot7, ips;
11 char huruf;
12
13
14 //diskripsi
15 int main()
16 {
17
18
19     do
20     {
21
22         cout << "NIM (Masukkan 3 karakter awal)\t\t : ";
23         cin >> nim1;
24         cout << "NIM (Masukkan 4 angka di tengah)\t : ";
25         cin >> nim2;
26         cout << "NIM (Masukkan 5 angka terakhir)\t\t : ";
27         cin >> nim3;
28         cout << "" << endl;
29         cout << "" << endl;
30         cout << "" << endl;
31         cout << "===== SISTEM PENILAIAN
===== " << endl;
32         cout << "===== UNIVERSITAS DIAN NUSWANTORO
===== " << endl;
33         cout << "" << endl;
34         cout << "NIM\t\t : " << nim1 << "." << nim2 << "." << nim3 << "\t\t\t\t\t";
35
36         if (nim1=="A11")
37         {
38             cout << "PRODI\t\t : TEKNIK INFORMATIKA" << endl;
39         }
40         else if (nim1=="A12")
41         {
42             cout << "PRODI\t\t : SISTEM INFORMASI" << endl;
43         }
44         else if (nim1=="A13")
45         {
46             cout << "PRODI\t\t : BROADCAST" << endl;
47         }
48         else if (nim1=="A14")
49         {
50             cout << "PRODI\t\t : DESAIN KOMUNIKASI VISUAL" << endl;
51         }
52         else
53         {
54             cout << "Prodi tidak terdeteksi." << endl;
55         }
56
57
58
59         cout << "NAMA\t\t : ";
60         cin >> nama;
61
62
63         cout << "" << endl;
64         cout << "===== " << endl;
65         cout << "Mata Kuliah\t : ";
66         cin >> matkul1;
67         cout << "Jumlah SKS\t : ";
68         cin >> sks1;
69         cout << "Nilai Mid (35%)\t : ";
70         cin >> nMid;
71         cout << "Nilai UAS (35%)\t : ";
72         cin >> nUAS;
73         cout << "Nilai Tugas(30%)\t : ";
74         cin >> nTugas;
75         score1=nMid*35/100+nUAS*35/100+nTugas*30/100;

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76     cout << "Score\t\t: " << score1 << endl;
77     if (score1 >= 90 && score1 <= 100)
78     {
79         cout << "Huruf\t\t: A" << endl;
80         cout << "bobot\t\t: " << (bobot1=4);
81     }
82     else if (score1 >= 80 && score1 <= 89,9)
83     {
84         cout << "Huruf\t\t: AB" << endl;
85         cout << "bobot\t\t: " << (bobot1=3,5);
86     }
87     else if (score1 >= 70 && score1 <= 79,9)
88     {
89         cout << "Huruf\t\t: B" << endl;
90         cout << "bobot\t\t: " << (bobot1=3);
91     }
92     else if (score1 >= 60 && score1 <= 69,9)
93     {
94         cout << "Huruf\t\t: BC" << endl;
95         cout << "bobot\t\t: " << (bobot1=2,5);
96     }
97     else if (score1 >= 50 && score1 <= 59,9)
98     {
99         cout << "Huruf\t\t: C" << endl;
100        cout << "bobot\t\t: " << (bobot1=2);
101    }
102    else if (score1 >= 40 && score1 <= 49,9)
103    {
104        cout << "Huruf\t\t: CD" << endl;
105        cout << "bobot\t\t: " << (bobot1=1,5);
106    }
107    else if (score1 >= 30 && score1 <= 39,9)
108    {
109        cout << "Huruf\t\t: D" << endl;
110        cout << "bobot\t\t: " << (bobot1=1);
111    }
112    else if (score1 >= 20 && score1 <= 29,9)
113    {
114        cout << "Huruf\t\t: DE" << endl;
115        cout << "bobot\t\t: " << (bobot1=0,5);
116    }
117    else if (score1 >= 0 && score1 <= 19,9)
118    {
119        cout << "Huruf\t\t: E" << endl;
120        cout << "bobot\t\t: " << (bobot1=0);
121    }
122
123
124
125
126    cout << "" << endl;
127    cout << "_____ " << endl;
128    cout << "Mata Kuliah\t: ";
129    cin >> matkul2;
130    cout << "Jumlah SKS\t: ";
131    cin >> sks2;
132    cout << "Nilai Mid (35%)\t: ";
133    cin >> nMid;
134    cout << "Nilai UAS (35%)\t: ";
135    cin >> nUAS;
136    cout << "Nilai Tugas(30%)\t: ";
137    cin >> nTugas;
138    score2 = nMid*35/100 + nUAS*35/100 + nTugas*30/100;
139    cout << "Score\t\t: " << score2 << endl;
140    if (score2 >= 90 && score2 <= 100)
141    {
142        cout << "Huruf\t\t: A" << endl;
143        cout << "bobot\t\t: " << (bobot2=4);
144    }
145    else if (score2 >= 80 && score2 <= 89,9)
146    {
147        cout << "Huruf\t\t: AB" << endl;
148        cout << "bobot\t\t: " << (bobot2=3,5);
149    }
150    else if (score2 >= 70 && score2 <= 79,9)
151    {
152        cout << "Huruf\t\t: B" << endl;
153        cout << "bobot\t\t: " << (bobot2=3);
154    }

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155     else if (score2>60 && score2<=69,9)
156     {
157         cout <<"Huruf\t\t: BC"<<endl;
158         cout << "bobot\t\t: " <<(bobot2=2,5);
159     }
160     else if (score2>=50 && score2<=59,9)
161     {
162         cout <<"Huruf\t\t: C"<<endl;
163         cout << "bobot\t\t: " <<(bobot2=2);
164     }
165     else if (score2>40 && score2<=49,9)
166     {
167         cout <<"Huruf\t\t: CD";
168         cout << "bobot\t\t: " <<(bobot2=1,5);
169     }
170     else if (score2>30 && score2<=39,9)
171     {
172         cout <<"Huruf\t\t: D"<<endl;
173         cout << "bobot\t\t: " <<(bobot2=1);
174     }
175     else if (score2>20 && score2<=29,9)
176     {
177         cout <<"Huruf\t\t: DE"<<endl;
178         cout << "bobot\t\t: " <<(bobot2=0,5);
179     }
180     else if (score2>0 && score2<=19,9)
181     {
182         cout <<"Huruf\t\t: E"<<endl;
183         cout << "bobot\t\t: " <<(bobot2=0);
184     }
185
186
187
188     cout <<"<<endl;
189     cout <<"....." << endl;
190     cout <<"Mata Kuliah\t: ";
191     cin >> matkul3;
192     cout <<"Jumlah SKS\t: ";
193     cin >> sks3;
194     cout << "Nilai Mid (35%)\t: ";
195     cin >> nMid;
196     cout << "Nilai UAS (35%)\t: ";
197     cin >> nUAS;
198     cout << "Nilai Tugas(30%)\t: ";
199     cin >> nTugas;
200     score3=nMid*35/100+nUAS*35/100+nTugas*30/100;
201     cout <<"Score\t\t: "<<score3<<endl;
202     if (score3>=90 && score3<=100)
203     {
204         cout <<"Huruf\t\t: A"<<endl;
205         cout << "bobot\t\t: " <<(bobot3=4);
206     }
207     else if (score3>=80 && score3<=89,9)
208     {
209         cout <<"Huruf\t\t: AB"<<endl;
210         cout << "bobot\t\t: " <<(bobot3=3,5);
211     }
212     else if (score3>=70 && score3<=79,9)
213     {
214         cout <<"Huruf\t\t: B"<<endl;
215         cout << "bobot\t\t: " <<(bobot3=3);
216     }
217     else if (score3>60 && score3<=69,9)
218     {
219         cout <<"Huruf\t\t: BC"<<endl;
220         cout << "bobot\t\t: " <<(bobot3=2,5);
221     }
222     else if (score3>=50 && score3<=59,9)
223     {
224         cout <<"Huruf\t\t: C"<<endl;
225         cout << "bobot\t\t: " <<(bobot3=2);
226     }
227     else if (score3>40 && score3<=49,9)
228     {
229         cout <<"Huruf\t\t: CD"<<endl;
230         cout << "bobot\t\t: " <<(bobot3=1,5);
231     }
232     else if (score3>30 && score3<=39,9)
233     {

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234     cout <<"Huruf\t\t: D"<<endl;
235     cout << "bobot\t\t: " <<(bobot3=1);
236 }
237 else if (score3>20 && score3<=29,9)
238 {
239     cout <<"Huruf\t\t: DE"<<endl;
240     cout << "bobot\t\t: " <<(bobot3=0,5);
241 }
242 else if (score3>0 && score3<=19,9)
243 {
244     cout <<"Huruf\t\t: E"<<endl;
245     cout << "bobot\t\t: " <<(bobot3=0);
246 }
247
248
249
250 cout <<"<<endl;
251 cout <<"_____ " << endl;
252 cout <<"Mata Kuliah\t: ";
253 cin >> matkul4;
254 cout <<"Jumlah SKS\t: ";
255 cin >> sks4;
256 cout << "Nilai Mid (35%)\t: ";
257 cin >> nMid;
258 cout << "Nilai UAS (35%)\t: ";
259 cin >> nUAS;
260 cout << "Nilai Tugas(30%)\t: ";
261 cin >> nTugas;
262 score4=nMid*35/100+nUAS*35/100+nTugas*30/100;
263 cout <<"Score\t\t: "<<score4<<endl;
264 if (score4>=90 && score4<=100)
265 {
266     cout <<"Huruf\t\t: A"<<endl;
267     cout << "bobot\t\t: " <<(bobot4=4);
268 }
269 else if (score4>=80 && score4<=89,9)
270 {
271     cout <<"Huruf\t\t: AB"<<endl;
272     cout << "bobot\t\t: " <<(bobot4=3,5);
273 }
274 else if (score4>=70 && score4<=79,9)
275 {
276     cout <<"Huruf\t\t: B"<<endl;
277     cout << "bobot\t\t: " <<(bobot4=3);
278 }
279 else if (score4>60 && score4<=69,9)
280 {
281     cout <<"Huruf\t\t: BC"<<endl;
282     cout << "bobot\t\t: " <<(bobot4=2,5);
283 }
284 else if (score4>=50 && score4<=59,9)
285 {
286     cout <<"Huruf\t\t: C"<<endl;
287     cout << "bobot\t\t: " <<(bobot4=2);
288 }
289 else if (score4>40 && score4<=49,9)
290 {
291     cout <<"Huruf\t\t: CD"<<endl;
292     cout << "bobot\t\t: " <<(bobot4=1,5);
293 }
294 else if (score4>30 && score4<=39,9)
295 {
296     cout <<"Huruf\t\t: D"<<endl;
297     cout << "bobot\t\t: " <<(bobot4=1);
298 }
299 else if (score4>20 && score4<=29,9)
300 {
301     cout <<"Huruf\t\t: DE"<<endl;
302     cout << "bobot\t\t: " <<(bobot4=0,5);
303 }
304 else if (score4>0 && score4<=19,9)
305 {
306     cout <<"Huruf\t\t: E"<<endl;
307     cout << "bobot\t\t: " <<(bobot4=0);
308 }
309
310
311
312 cout <<"<<endl;

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313 cout << "_____ " << endl;
314 cout << "Mata Kuliah\t: ";
315 cin >> matkul5;
316 cout << "Jumlah SKS\t: ";
317 cin >> sks5;
318 cout << "Nilai Mid (35%)\t: ";
319 cin >> nMid;
320 cout << "Nilai UAS (35%)\t: ";
321 cin >> nUAS;
322 cout << "Nilai Tugas(30%)\t: ";
323 cin >> nTugas;
324 score5=nMid*35/100+nUAS*35/100+nTugas*30/100;
325 cout << "Score\t\t: " << score5 << endl;
326 if (score5>=90 && score5<=100)
327 {
328     cout << "Huruf\t\t: A" << endl;
329     cout << "bobot\t\t: " << (bobot5=4);
330 }
331 else if (score5>=80 && score5<=89,9)
332 {
333     cout << "Huruf\t\t: AB" << endl;
334     cout << "bobot\t\t: " << (bobot5=3,5);
335 }
336 else if (score5>=70 && score5<=79,9)
337 {
338     cout << "Huruf\t\t: B" << endl;
339     cout << "bobot\t\t: " << (bobot5=3);
340 }
341 else if (score5>=60 && score5<=69,9)
342 {
343     cout << "Huruf\t\t: BC" << endl;
344     cout << "bobot\t\t: " << (bobot5=2,5);
345 }
346 else if (score5>=50 && score5<=59,9)
347 {
348     cout << "Huruf\t\t: C" << endl;
349     cout << "bobot\t\t: " << (bobot5=2);
350 }
351 else if (score5>=40 && score5<=49,9)
352 {
353     cout << "Huruf\t\t: CD" << endl;
354     cout << "bobot\t\t: " << (bobot5=1,5);
355 }
356 else if (score5>=30 && score5<=39,9)
357 {
358     cout << "Huruf\t\t: D" << endl;
359     cout << "bobot\t\t: " << (bobot5=1);
360 }
361 else if (score5>=20 && score5<=29,9)
362 {
363     cout << "Huruf\t\t: DE" << endl;
364     cout << "bobot\t\t: " << (bobot5=0,5);
365 }
366 else if (score5>0 && score5<=19,9)
367 {
368     cout << "Huruf\t\t: E" << endl;
369     cout << "bobot\t\t: " << (bobot5=0);
370 }
371
372
373
374 cout << "" << endl;
375 cout << "_____ " << endl;
376 cout << "Mata Kuliah\t: ";
377 cin >> matkul6;
378 cout << "Jumlah SKS\t: ";
379 cin >> sks6;
380 cout << "Nilai Mid (35%)\t: ";
381 cin >> nMid;
382 cout << "Nilai UAS (35%)\t: ";
383 cin >> nUAS;
384 cout << "Nilai Tugas(30%)\t: ";
385 cin >> nTugas;
386 score6=nMid*35/100+nUAS*35/100+nTugas*30/100;
387 cout << "Score\t\t: " << score6 << endl;
388 if (score6>=90 && score6<=100)
389 {
390     cout << "Huruf\t\t: A" << endl;
391     cout << "bobot\t\t: " << (bobot6=4);

```

```

392     }
393     else if (score6>=80 && score6<=89,9)
394     {
395         cout <<"Huruf\t\t: AB"<<endl;
396         cout << "bobot\t\t: " <<(bobot6=3,5);
397     }
398     else if (score6>=70 && score6<=79,9)
399     {
400         cout <<"Huruf\t\t: B"<<endl;
401         cout << "bobot\t\t: " <<(bobot6=3);
402     }
403     else if (score6>60 && score6<=69,9)
404     {
405         cout <<"Huruf\t\t: BC"<<endl;
406         cout << "bobot\t\t: " <<(bobot6=2,5);
407     }
408     else if (score6>=50 && score6<=59,9)
409     {
410         cout <<"Huruf\t\t: C"<<endl;
411         cout << "bobot\t\t: " <<(bobot6=2);
412     }
413     else if (score6>40 && score6<=49,9)
414     {
415         cout <<"Huruf\t\t: CD"<<endl;
416         cout << "bobot\t\t: " <<(bobot6=1,5);
417     }
418     else if (score6>30 && score6<=39,9)
419     {
420         cout <<"Huruf\t\t: D"<<endl;
421         cout << "bobot\t\t: " <<(bobot6=1);
422     }
423     else if (score6>20 && score6<=29,9)
424     {
425         cout <<"Huruf\t\t: DE"<<endl;
426         cout << "bobot\t\t: " <<(bobot6=0,5);
427     }
428     else if (score6>0 && score6<=19,9)
429     {
430         cout <<"Huruf\t\t: E"<<endl;
431         cout << "bobot\t\t: " <<(bobot6=0);
432     }
433
434
435
436     cout <<"<<endl;
437     cout <<"_____ " << endl;
438     cout <<"Mata Kuliah\t: ";
439     cin >> matkul7;
440     cout <<"Jumlah SKS\t: ";
441     cin >> sks7;
442     cout << "Nilai Mid (35%)\t: ";
443     cin >> nMid;
444     cout << "Nilai UAS (35%)\t: ";
445     cin >> nUAS;
446     cout << "Nilai Tugas(30%)\t: ";
447     cin >> nTugas;
448     score7=nMid*35/100+nUAS*35/100+nTugas*30/100;
449     cout <<"Score\t\t: "<<score7<<endl;
450     if (score7>=90 && score7<=100)
451     {
452         cout <<"Huruf\t\t: A"<<endl;
453         cout << "bobot\t\t: " <<(bobot7=4)<<endl;
454     }
455     else if (score7>=80 && score7<=89,9)
456     {
457         cout <<"Huruf\t\t: AB"<<endl;
458         cout << "bobot\t\t: " <<(bobot7=3,5);
459     }
460     else if (score7>=70 && score7<=79,9)
461     {
462         cout <<"Huruf\t\t: B"<<endl;
463         cout << "bobot\t\t: " <<(bobot7=3);
464     }
465     else if (score7>60 && score7<=69,9)
466     {
467         cout <<"Huruf\t\t: BC"<<endl;
468         cout << "bobot\t\t: " <<(bobot7=2,5);
469     }
470     else if (score7>=50 && score7<=59,9)

```

```

471 {
472     cout <<"Huruf\t\t: C"<<endl;
473     cout << "bobot\t\t: " <<(bobot7=2);
474 }
475 else if (score7>40 && score7<=49,9)
476 {
477     cout <<"Huruf\t\t: CD"<<endl;
478     cout << "bobot\t\t: " <<(bobot7=1,5);
479 }
480 else if (score7>30 && score7<=39,9)
481 {
482     cout <<"Huruf\t\t: D"<<endl;
483     cout << "bobot\t\t: " <<(bobot7=1);
484 }
485 else if (score7>20 && score7<=29,9)
486 {
487     cout <<"Huruf\t\t: DE"<<endl;
488     cout << "bobot\t\t: " <<(bobot7=0,5);
489 }
490 else if (score7>0 && score7<=19,9)
491 {
492     cout <<"Huruf\t\t: E"<<endl;
493     cout << "bobot\t\t: " <<(bobot7=0)<<endl;
494 }
495
496
497
498
499
ips=((bobot1*sks1)+(bobot2*sks2)+(bobot3*sks3)+(bobot4*sks4)+(bobot5*sks5)+(bobot6*sks6)+(bobot7*sks7))/20;
500     cout <<"Indeks Prestasi Semester: " << ips << endl;
501     cout << "Nilai A = angka 4 (Istimewa)" << endl;
502     cout << "Nilai AB = angka 3,5 (Sangat Baik)" << endl;
503     cout << "Nilai B = angka 3 (Baik)" << endl;
504     cout << "Nilai BC = angka 2,5 (Cukup Baik)" << endl;
505     cout << "Nilai C = angka 2 (Cukup)" << endl;
506     cout << "Nilai D = angka 1 (Kurang)" << endl;
507     cout << "Nilai E = angka 0 (Sangat Kurang)" << endl;
508     cout <<" "<<endl;
509     cout <<"Input nilai mahasiswa lainnya? (YA/TIDAK)" <<endl;
510     cin >> ulang;
511     }while (ulang=="YA");
512     cout
<<"=====
===== " << endl;
513
514 }
515

```