|  |  |  |
| --- | --- | --- |
| **From** | **To** | **Formulae** |
| **Formulae Conversion Factors** 9/5 = 1.8    9/4 = 2.25    10/8 = 1.25 | | |
| Celsius | Fahrenheit | F =  C × 1.8 + 32 |
|  | Kelvin | K = C  + 273.15 |
|  | Rankine | Ra =  C × 1.8 + 32 + 459.67 |
|  | Réaumur | Re =  C × 0.8 |
| Fahrenheit | Celsius | C = ( F - 32) / 1.8 |
|  | Kelvin | K = ( F + 459.67) / 1.8 |
|  | Rankine | Ra =  F + 459.67 |
|  | Réaumur | Re = ( F - 32) / 2.25 |
| Kelvin | Celsius | C = K - 273.15 |
|  | Fahrenheit | F = K × 1.8 - 459.67 |
|  | Rankine | Ra = K × 1.8 |
|  | Réaumur | R = (K - 273.15) × 0.8 |
| Rankine | Celsius | C = ( Ra - 32 - 459.67) / 1.8 |
|  | Fahrenheit | F =  Ra - 459.67 |
|  | Kelvin | K =  Ra / 1.8 |
|  | Réaumur | Re = ( Ra - 32 - 459.67) / 2.25 |
| Réaumur | Celsius | C =  Re × 1.25 |
|  | Fahrenheit | F =  Re × 2.25 + 32 |
|  | Kelvin | K =  Re × 1.25 + 273.15 |
|  | Rankine | Ra =  Re × 2.25 + 32 + 459.67 |

1. #include <windows.h> //use for gotoxy
2. #include <conio.h> //header file of getch
3. #include <stdio.h> //use for input/output
4. #include <stdlib.h> // for standard libraries (use in coditional statements(if-else and etc...)) system("cls")
5. #include <time.h>  //use for delay
6. #include <string.h> //use for strcmp

9. //GLOBAL function---> any method in this program can use this functions
10. **void** delay(ms){
11. **clock\_t** timeDelay = ms + clock();    //Step up the difference from clock delay
12. **while** (timeDelay > clock());         //stop when the clock is higher than time delay
13. }

16. **void** gotoxy(**short** x,**short** y)
17. {
18. COORD pos={x,y};
19. SetConsoleCursorPosition(GetStdHandle(STD\_OUTPUT\_HANDLE),pos);
20. }
22. //GLOBAL VARIABLES---> these variables can be used by any methods
23. **int** z,r,from,to;
24. **char** username[10],password[10];
25. **float** C,F,K,Ra,Re;

28. //MAIN METHOD--> this will call the initial method and goes on
29. **int** main(){
31. //variables are in the GLOBAL VARIABLE
32. system("COLOR 0B"); //change the background and font of the system
33. printf("!PASSWORD LENGTH IS 10 CHARACTERS ONLY\n");
35. **while**(z<3){
36. printf("\nE N T E R  U S E R N A M E: "), scanf("%s", &username);
37. printf("E N T E R  P A S S W O R D: ");
38. **for**(r=0;r<10;r++){ //10 max char of pass
39. password[r]=getch(); //acts as scanf for the password to store in the array [password]
40. printf("\*");
41. }
42. password[r]='\0';


46. //getch function prompts a user to press a character and that character isn't printed on screen.
48. //system\_username=yestouno-----------> system\_password=papasakami
49. **if**(strcmp(username,"yestouno")==0 && strcmp(password,"papasakami")==0){
50. printf("\n\nUSERNAME AND PASSWORD ARE CORRECT");
51. delay(2000),system("cls");
52. conversion\_table(); //conversion\_table calling
53. }

56. **else**{
57. z++;
58. printf("\n\nEither username or password is incorrect\n");
59. delay(500), system("cls");
60. printf("You have %d trials left\n", 3-z);
61. }
62. **if**(z==3){
63. printf("You've reached the maximum number of attempts.\n");
64. exit(EXIT\_SUCCESS);
66. }
67. }
68. }

71. /\*==========================================================================================================\*/
72. //conversion\_table method
73. **int** conversion\_table()
74. {
76. //VERTICALS OUTER
77. **for**(r=1;r<=33;r++){
78. delay(5);
79. gotoxy(10,r),printf("\*");
80. gotoxy(75,r),printf("\*");
81. }
82. //VERTICALS INNER
83. **for**(r=1;r<=30;r++){
84. delay(5);
85. gotoxy(25,r),printf("\*");
86. gotoxy(40,r),printf("\*");
87. }

90. //HORIZONTALS
91. **for**(r=1;r<=65;r++){
92. delay(5);
93. gotoxy(10+r,1),printf("\*");
94. gotoxy(10+r,3),printf("\*");
95. gotoxy(10+r,5),printf("\*");
96. gotoxy(10+r,10),printf("\*");
97. gotoxy(10+r,15),printf("\*");
98. gotoxy(10+r,20),printf("\*");
99. gotoxy(10+r,25),printf("\*");
100. gotoxy(10+r,30),printf("\*");
101. gotoxy(10+r,33),printf("\*");
103. }
105. //HEADERS
106. delay(5),gotoxy(25,2),printf("WELCOME TEMPERATURE CONVERTER");
107. delay(5),gotoxy(15,4),printf("FROM");
108. delay(5),gotoxy(32,4),printf("TO");
109. delay(5),gotoxy(53,4),printf("FORMULAE");
111. //FROM CELSIUS
112. delay(5),gotoxy(14,6),printf("Celsius");
113. delay(5),gotoxy(28,6),printf("Fahrenheit");
114. delay(5),gotoxy(45,6),printf("F =  [C\*1.8] + 32");
115. delay(5),gotoxy(28,7),printf("Kelvin");
116. delay(5),gotoxy(45,7),printf("K = C  + 273.15");
117. delay(5),gotoxy(28,8),printf("Rankine");
118. delay(5),gotoxy(45,8),printf("Ra =  [C\*1.8]+ 32 + 459.67");
119. delay(5),gotoxy(28,9),printf("Reaumur");
120. delay(5),gotoxy(45,9),printf("Re =  C \* 0.8");
122. //FROM FAHRENHEIT
123. delay(5),gotoxy(13,11),printf("Fahrenheit");
124. delay(5),gotoxy(28,11),printf("Celsius");
125. delay(5),gotoxy(45,11),printf("C = [F-32] / 1.8");
126. delay(5),gotoxy(28,12),printf("Kelvin");
127. delay(5),gotoxy(45,12),printf("K = [F+459.67] / 1.8");
128. delay(5),gotoxy(28,13),printf("Rankine");
129. delay(5),gotoxy(45,13),printf("Ra =  F + 459.67");
130. delay(5),gotoxy(28,14),printf("Reaumur");
131. delay(5),gotoxy(45,14),printf("Re = [F-32] / 2.25");
133. //FROM KELVIN
134. delay(5),gotoxy(14,16),printf("Kelvin");
135. delay(5),gotoxy(28,16),printf("Celsius");
136. delay(5),gotoxy(45,16),printf("C = K - 273.15");
137. delay(5),gotoxy(28,17),printf("Fahrenheit");
138. delay(5),gotoxy(45,17),printf("F = [K\*1.8] - 459.67");
139. delay(5),gotoxy(28,18),printf("Rankine");
140. delay(5),gotoxy(45,18),printf("Ra = K \* 1.8");
141. delay(5),gotoxy(28,19),printf("Reaumur");
142. delay(5),gotoxy(45,19),printf("Re = [K-273.15] \* 0.8");
144. //FROM RANKINE
145. delay(5),gotoxy(14,21),printf("Rankine");
146. delay(5),gotoxy(28,21),printf("Celsius");
147. delay(5),gotoxy(45,21),printf("C = [Ra-32-459.67] / 1.8");
148. delay(5),gotoxy(28,22),printf("Fahrenheit");
149. delay(5),gotoxy(45,22),printf("F =  Ra - 459.67");
150. delay(5),gotoxy(28,23),printf("Kelvin");
151. delay(5),gotoxy(45,23),printf("K =  Ra / 1.8");
152. delay(5),gotoxy(28,24),printf("Reaumur");
153. delay(5),gotoxy(45,24),printf("Re = [Ra-32-459.67] / 2.25");
155. //FROM REAUMUR
156. delay(5),gotoxy(14,26),printf("Reaumur");
157. delay(5),gotoxy(28,26),printf("Celsius");
158. delay(5),gotoxy(45,26),printf("C =  Re \* 1.25");
159. delay(5),gotoxy(28,27),printf("Fahrenheit");
160. delay(5),gotoxy(45,27),printf("F =  [Re\*2.25] + 32");
161. delay(5),gotoxy(28,28),printf("Kelvin");
162. delay(5),gotoxy(45,28),printf("K =  [Re\*1.25]+ 273.15");
163. delay(5),gotoxy(28,29),printf("Rankine");
164. delay(5),gotoxy(45,29),printf("Ra =  [Re\*2.25]+ 32 + 459.67");
166. //FORMULA FACTORS
167. delay(5),gotoxy(32,31),printf("TEMPERATURE CONVERTER");
168. delay(5),gotoxy(25,32),printf("9/5 = 1.8    9/4 = 2.25    10/8 = 1.25");
170. delay(5),gotoxy(30,35),printf("PRESS ANY KEY TO CONTINUE...");
172. getch();
173. delay(500),system("cls");
174. process();
176. }
177. /\*==============================================================================================================================================================================================\*/
178. //process method
179. **int** process(){
181. delay(300);
182. /////////////////////////////////////////////VERTICALS
183. **for**(r=1;r<=18;r++){
184. gotoxy(10,r),printf("\*");
185. gotoxy(75,r),printf("\*");
186. }
188. **for**(r=1;r<=7;r++){
189. gotoxy(3,r+18),printf("\*");
190. gotoxy(82,r+18),printf("\*");
191. }
193. /////////////////////////////////////////////////HORIZONTALS
194. **for**(r=1;r<=65;r++){
195. gotoxy(10+r,1),printf("\*"); //1st
196. gotoxy(10+r,9),printf("\*"); //2nd
197. gotoxy(10+r,11),printf("\*"); //3rd
198. gotoxy(10+r,17),printf("\*"); //4th
199. }
201. **for**(r=1;r<=80;r++){
202. gotoxy(r+2,19),printf("\*"); //5th
203. gotoxy(r+2,26),printf("\*"); //6th
204. }

207. //CONVERSION STATEMENTS
208. CONVERSION:
209. gotoxy(12,2),printf("Choose the digit below of the unit you want to convert:\n");
210. gotoxy(12,3),printf("\t[1] Celsius\n");
211. gotoxy(12,4),printf("\t[2] Fahrenheit\n");
212. gotoxy(12,5),printf("\t[3] Kelvin\n");
213. gotoxy(12,6),printf("\t[4] Rankine\n");
214. gotoxy(12,7),printf("\t[5] Reaumur\n");
215. gotoxy(12,8),printf("\t[6] Exit");
216. gotoxy(68,2),scanf("%d", &from);
218. **if**(from==1){
219. //CELSIUS
220. gotoxy(12,10),printf("Enter the amount of Celsius: "), scanf("%f", &C);
221. gotoxy(12,13),printf("\t[1] Fahrenheit\n");
222. gotoxy(12,14),printf("\t[2] Kelvin\n");
223. gotoxy(12,15),printf("\t[3] Rankine\n");
224. gotoxy(12,16),printf("\t[4] Reaumur\n");
225. gotoxy(12,12),printf("Select the digit below of the unit of conversion: "); scanf("%d", &to);
226. **if**(to==1){ //C-F
227. F=(C\*1.8)+32;
228. gotoxy(12,18),printf("%.2f C is equal to %.2f F", C,F);
229. **goto** Celsius\_Trivia;
230. }
231. **else** **if**(to==2){ //C-K
232. K= C + 273.15;
233. gotoxy(12,18),printf("%.2f C is equal to %.2f K", C,K);
234. **goto** Celsius\_Trivia;
235. }
236. **else** **if**(to==3){ //C-Ra
237. Ra= (C\*1.8)+ 32 + 459.67;
238. gotoxy(12,18),printf("%.2f C is equal to %.2f Ra", C,Ra);
239. **goto** Celsius\_Trivia;
240. }
241. **else** **if**(to==4){ //C-Re
242. Re=C\*0.8;
243. gotoxy(12,18),printf("%.2f C is equal to %.2f Re", C,Re);
244. **goto** Celsius\_Trivia;
245. }
247. **else**{
248. gotoxy(12,18),printf("Your choice is not in the ranged of 1-4 ");
249. delay(20),gotoxy(30,28),printf("PRESS ANY KEY TO CONTINUE...");
250. getch();
251. system("cls");
252. process();
253. }
255. //CELSIUS TRIVIA
256. Celsius\_Trivia:
257. gotoxy(5,20),printf("DID YOU KNOW? CELSIUS...");
258. gotoxy(5,21),printf("\tHaving a scale for measuring temperature on which the boiling point of \n");
259. gotoxy(5,22),printf("water is at 100 degrees and the freezing point of water is at 0 degrees.\n");
260. delay(20),gotoxy(30,28),printf("PRESS ANY KEY TO CONTINUE...");
261. getch();
262. system("cls");
263. process();
264. }
265. /\*==============================================================\*/
266. //FAHRENHEIT
267. **else** **if** (from==2){
268. gotoxy(12,10),printf("Enter the amount of Fahrenheit: "), scanf("%f", &F);
269. gotoxy(12,13),printf("\t[1] Celsius\n");
270. gotoxy(12,14),printf("\t[2] Kelvin\n");
271. gotoxy(12,15),printf("\t[3] Rankine\n");
272. gotoxy(12,16),printf("\t[4] Reaumur\n");
273. gotoxy(12,12),printf("Select the digit below of the unit of conversion: "); scanf("%d", &to);
274. **if**(to==1){ //F-C
275. C = (F- 32) / 1.8;
276. gotoxy(12,18),printf("%.2f F is equal to %.2f C", F,C);
277. **goto** Farenheit\_Trivia;
278. }
279. **else** **if**(to==2){ //F-K
280. K = (F+459.67) /1.8;
281. gotoxy(12,18),printf("%.2f F is equal to %.2f K", F,K);
282. **goto** Farenheit\_Trivia;
283. }
284. **else** **if**(to==3){ //F-Ra
285. Ra = F + 459.67;
286. gotoxy(12,18),printf("%.2f F is equal to %.2f Ra", F,Ra);
287. **goto** Farenheit\_Trivia;
288. }
289. **else** **if**(to==4){ //F-Re
290. Re = (F-32) / 2.25;
291. gotoxy(12,18),printf("%.2f F is equal to %.2f Re", F,Re);
292. **goto** Farenheit\_Trivia;
293. }
294. **else**{
295. gotoxy(12,18),printf("Your choice is not in the ranged of 1-4 ");
296. delay(20),gotoxy(30,28),printf("PRESS ANY KEY TO CONTINUE...");
297. getch();
298. system("cls");
299. process();
300. }
301. //FAREHNHEIT TRIVIA
302. Farenheit\_Trivia:
303. gotoxy(5,20),printf("DID YOU KNOW? FAHRENHEIT...");
304. gotoxy(5,21),printf("\tHaving a scale for measuring temperature on which the boiling point of \n");
305. gotoxy(5,22),printf("water is at 212 degrees above zero and the freezing point is at 32 degrees \n");
306. gotoxy(5,23),printf("above zero.\n");
307. delay(20),gotoxy(30,28),printf("PRESS ANY KEY TO CONTINUE...");
308. getch();
309. system("cls");
310. process();
311. }
312. /\*==============================================================\*/
313. //KELVIN
314. **else** **if**(from==3){
315. gotoxy(12,10),printf("Enter the amount of Kelvin: "), scanf("%f", &K);
316. gotoxy(12,13),printf("\t[1] Celsius\n");
317. gotoxy(12,14),printf("\t[2] Fahrenheit\n");
318. gotoxy(12,15),printf("\t[3] Rankine\n");
319. gotoxy(12,16),printf("\t[4] Reaumur\n");
320. gotoxy(12,12),printf("Select the digit below of the unit of conversion: "); scanf("%d", &to);
321. **if**(to==1){ //K-C
322. C = K-273.15;
323. gotoxy(12,18),printf("%.2f K is equal to %.2f C", K,C);
324. **goto** Kelvin\_Trivia;
326. }
327. **else** **if**(to==2){ //K-F
328. F = (K\*1.8) - 459.67;
329. gotoxy(12,18),printf("%.2f K is equal to %.2f F", K,F);
330. **goto** Kelvin\_Trivia;
331. }
332. **else** **if**(to==3){ //K-Ra
333. Ra = K\*1.8;
334. gotoxy(12,18),printf("%.2f K is equal to %.2f Ra", K,Ra);
335. **goto** Kelvin\_Trivia;
336. }
337. **else** **if**(to==4){ //K-Re
338. Re = (K-273.15) \* 0.8;
339. gotoxy(12,18), printf("%.2f K is equal to %.2f Re", K,Re);
340. **goto** Kelvin\_Trivia;
341. }
342. **else**{
343. gotoxy(12,18),printf("Your choice is not in the ranged of 1-4 ");
344. delay(20),gotoxy(30,28),printf("PRESS ANY KEY TO CONTINUE...");
345. getch();
346. system("cls");
347. process();
348. }
349. //KELVIN TRIVIA
350. Kelvin\_Trivia:
351. gotoxy(5,20),printf("DID YOU KNOW? KELVIN...");
352. gotoxy(5,21),printf("\tThe base unit of temperature in the International System of Units that is\n");
353. gotoxy(5,22),printf("equal to 1/273.16 of the Kelvin scale temperature of the triple point of \n");
354. gotoxy(5,23),printf("water.\n");
355. delay(20),gotoxy(30,28),printf("PRESS ANY KEY TO CONTINUE...");
356. getch();
357. system("cls");
358. process();
359. }
360. /\*==============================================================\*/
361. //RANKINE
362. **else** **if** (from==4){
363. gotoxy(12,10),printf("Enter the amount of Rankine: "), scanf("%f", &Ra);
364. gotoxy(12,13),printf("\t[1] Celsius\n");
365. gotoxy(12,14),printf("\t[2] Fahrenheit\n");
366. gotoxy(12,15),printf("\t[3] Kelvin\n");
367. gotoxy(12,16),printf("\t[4] Reaumur\n");
368. gotoxy(12,12),printf("Select the digit below of the unit of conversion: "); scanf("%d", &to);
369. **if**(to==1){ //Ra-C
370. C = (Ra-32-459.67) / 1.8;
371. gotoxy(12,18),printf("%.2f Ra is equal to %.2f C", Ra,C);
372. **goto** Rankine\_Trivia;
373. }
374. **else** **if**(to==2){ //Ra-F
375. F = Ra-459.67;
376. gotoxy(12,18),printf("%.2f Ra is equal to %.2f F", Ra,F);
377. **goto** Rankine\_Trivia;
378. }
379. **else** **if**(to==3){ //Ra-K
380. K= Ra/1.8;
381. gotoxy(12,18),printf("%.2f Ra is equal to %.2f K", Ra,K);
382. **goto** Rankine\_Trivia;
383. }
384. **else** **if**(to==4){ //Ra-Re
385. Re = (Ra-32-459.67)/2.25;
386. gotoxy(12,18), printf("%.2f Ra is equal to %.2f Re", Ra,Re);
387. **goto** Rankine\_Trivia;
388. }
389. **else**{
390. gotoxy(12,18),printf("Your choice is not in the ranged of 1-4 ");
391. delay(20),gotoxy(30,28),printf("PRESS ANY KEY TO CONTINUE...");
392. getch();
393. system("cls");
394. process();
395. }
396. //RANKINE TRIVIA
397. Rankine\_Trivia:
398. gotoxy(5,20),printf("DID YOU KNOW? RANKINE...");
399. gotoxy(5,21),printf("\tRelating to an absolute-temperature scale on which the unit of \n");
400. gotoxy(5,22),printf("measurement equals a Fahrenheit degree and on which the freezing point of \n");
401. gotoxy(5,23),printf("water is 491.67 degrees and the boiling point 671.67 degrees. \n");
402. delay(20),gotoxy(30,28),printf("PRESS ANY KEY TO CONTINUE...");
403. getch();
404. system("cls");
405. process();
407. }
408. /\*==============================================================\*/
409. //REAUMUR
410. **else** **if**(from==5){
412. gotoxy(12,10),printf("Enter the amount of Reaumur: "), scanf("%f", &Re);
413. gotoxy(12,13),printf("\t[1] Celsius\n");
414. gotoxy(12,14),printf("\t[2] Fahrenheit\n");
415. gotoxy(12,15),printf("\t[3] Kelvin\n");
416. gotoxy(12,16),printf("\t[4] Rankine\n");
417. gotoxy(12,12),printf("Select the digit below of the unit of conversion: "); scanf("%d", &to);
418. **if**(to==1){ //Re-C
419. C = Re\*1.25;
420. gotoxy(12,18),printf("%.2f Re = %.2f C", Re,C);
421. **goto** Reaumur\_Trivia;
422. }
423. **else** **if**(to==2){ //Re-F
424. F = (Re\*2.25) + 32;
425. gotoxy(12,18),printf("%.2f Re = %.2f F", Re,F);
426. **goto** Reaumur\_Trivia;
427. }
428. **else** **if**(to==3){ //Re-K
429. K =  (Re\*1.25) + 273.15;
430. gotoxy(12,18),printf("%.2f Re = %.2f K", Re,K);
431. **goto** Reaumur\_Trivia;
432. }
433. **else** **if**(to==4){ //Re-K
434. Ra =  (Re\*2.25)+ 32+ 459.67;
435. gotoxy(12,18),printf("%.2f Re = %.2f Ra", Re,Ra);
436. **goto** Reaumur\_Trivia;
437. }
438. **else**{
439. gotoxy(12,18),printf("Your choice is not in the ranged of 1-4 ");
440. delay(20),gotoxy(30,28),printf("PRESS ANY KEY TO CONTINUE...");
441. getch();
442. system("cls");
443. process();
444. }
445. //REAUMUR TRIVIA
446. Reaumur\_Trivia:
447. gotoxy(5,20),printf("DID YOU KNOW? REAUMUR...");
448. gotoxy(5,21),printf("\tRelating to a thermometric scale on which the boiling point of water is at\n");
449. gotoxy(5,22),printf("80 degrees above the zero of the scale and the freezing point is at zero.\n");
450. delay(20),gotoxy(30,28),printf("PRESS ANY KEY TO CONTINUE...");
451. getch();
452. system("cls");
453. process();
454. }
456. **else** **if**(from==6){
457. system("cls");
458. thanks();
459. }

462. **else**{
463. gotoxy(12,10),printf("Invalid unit. Input must be ranged from 1-6");
464. delay(20),gotoxy(30,28),printf("PRESS ANY KEY TO CONTINUE...");
465. getch();
466. system("cls");
467. process();
468. }
470. }
471. /\*==============================================================================================================================================================================================\*/
472. //thanks method
473. **int** thanks(){
475. /\*increment by 5\*/
476. **for**(r=1;r<=5;r++){
478. delay(50);
479. //T1
480. gotoxy(r+10,1),printf("\*");
481. gotoxy(13,r),printf("\*");
482. //H1
483. gotoxy(17,r),printf("\*");
484. gotoxy(16+r,3),printf("\*");
485. gotoxy(21,r),printf("\*");
486. //A1
487. gotoxy(23,r),printf("\*");
488. gotoxy(22+r,1),printf("\*");
489. gotoxy(22+r,3),printf("\*");
490. gotoxy(27,r),printf("\*");
491. //N1
492. gotoxy(29,r),printf("\*");
493. gotoxy(28+r,r),printf("\*");
494. gotoxy(33,r),printf("\*");
495. //K1
496. gotoxy(35,r),printf("\*");
497. //S1
498. gotoxy(39+r,1),printf("\*");
499. gotoxy(39+r,3),printf("\*");
500. gotoxy(39+r,5),printf("\*");
502. //A2
503. gotoxy(48,r),printf("\*");
504. gotoxy(47+r,1),printf("\*");
505. gotoxy(47+r,3),printf("\*");
506. gotoxy(52,r),printf("\*");
507. //N2
508. gotoxy(54,r),printf("\*");
509. gotoxy(53+r,r),printf("\*");
510. gotoxy(58,r),printf("\*");
511. //D2
512. gotoxy(60,r),printf("\*");
514. //H3
515. gotoxy(2,6+r),printf("\*");
516. gotoxy(r+1,9),printf("\*");
517. gotoxy(6,6+r),printf("\*");
518. //A3
519. gotoxy(8,6+r),printf("\*");
520. gotoxy(r+7,7),printf("\*");
521. gotoxy(r+7,9),printf("\*");
522. gotoxy(12,6+r),printf("\*");
524. //E3
525. gotoxy(20,6+r),printf("\*");
526. gotoxy(r+19,7),printf("\*");
527. gotoxy(r+19,9),printf("\*");
528. gotoxy(r+19,11),printf("\*");
530. //A4
531. gotoxy(28,6+r),printf("\*");
532. gotoxy(r+27,7),printf("\*");
533. gotoxy(r+27,9),printf("\*");
534. gotoxy(32,6+r),printf("\*");
536. //N5
537. gotoxy(36,6+r),printf("\*");
538. gotoxy(35+r,6+r),printf("\*");
539. gotoxy(40,6+r),printf("\*");
540. //I5
541. gotoxy(42,6+r),printf("\*");
542. //C5
543. gotoxy(44,6+r),printf("\*");
544. gotoxy(r+43,7),printf("\*");
545. gotoxy(r+43,11),printf("\*");
546. //E5
547. gotoxy(50,6+r),printf("\*");
548. gotoxy(r+49,7),printf("\*");
549. gotoxy(r+49,9),printf("\*");
550. gotoxy(r+49,11),printf("\*");
552. //D6
553. gotoxy(58,r+6),printf("\*");
554. //A6
555. gotoxy(64,6+r),printf("\*");
556. gotoxy(r+63,7),printf("\*");
557. gotoxy(r+63,9),printf("\*");
558. gotoxy(68,6+r),printf("\*");
559. }
561. /\*increment by 3x\*/
562. **for**(r=1;r<=3;r++){
563. //K1
564. gotoxy(35+r,4-r),printf("\*");
565. gotoxy(35+r,r+2),printf("\*");
566. //S1
567. gotoxy(40,r),printf("\*");
568. gotoxy(44,r+2),printf("\*");
569. //D2
570. gotoxy(59+r,1),printf("\*");
571. gotoxy(61+r,r),printf("\*");
572. gotoxy(61+r,6-r),printf("\*");
573. gotoxy(59+r,5),printf("\*");
575. //V3
576. gotoxy(14,6+r),printf("\*");
577. gotoxy(13+r,8+r),printf("\*");
578. gotoxy(19-r,8+r),printf("\*");
579. gotoxy(18,6+r),printf("\*");
581. //D6
582. gotoxy(57+r,7),printf("\*");
583. gotoxy(59+r,6+r),printf("\*");
584. gotoxy(59+r,12-r),printf("\*");
585. gotoxy(57+r,11),printf("\*");
586. //Y6
587. gotoxy(69+r,6+r),printf("\*");
588. gotoxy(71+r,10-r),printf("\*");
589. gotoxy(72,8+r),printf("\*");
590. }
592. exit(EXIT\_SUCCESS); //this is an exit function, it terminates the whole program.
594. }