**

*TAKE HOME FINAL EXAM (THFE)*

*(SPrıng 2020)*

STUDENT

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CODE

#include <stdio.h>

int year(int d, int l){

int y=3\*(9-d)+(l-1);

return y;

}

int level(int y, int d){

int l=(y+1)-3\*(9-d);

return l;

}

int main() {

int currentDegree, currentLevel, day;

printf("input the initial degree:");

scanf("%d",&currentDegree);

printf("input the initial level:");

scanf("%d",&currentLevel);

printf("input the total worked day:");

scanf("%d",&day);

int currentYear= year(currentDegree,currentLevel);

int totalYear= currentYear+(day/360);

int finalDegree= currentDegree-((day/360))/3;

int finalLevel= level(currentYear, currentDegree);

printf("final degeree:%d\n", finalDegree);

printf("final level:%d\n", finalLevel);

printf("total working years:%d\n",totalYear);

return 0;

}