大問1

#include <stdio.h>

void bmi\_and\_apw(double,double,double \*,double \*);

int main(){

double height,weight;

double bmi,apw;

printf("身長を入力: ");

scanf("%lf",&height);

printf("体重を入力: ");

scanf("%lf",&weight);

bmi\_and\_apw(height,weight,&bmi,&apw);

printf("BMI = %lfです\n",bmi);

printf("適正体重 = %lfです\n",apw);

return 0;

}

void bmi\_and\_apw(double height,double weight,double \*bmi,double \*apw){

\*bmi = weight / height / height;

\*apw = height \* height \* 22;

}

大問2

#include <stdio.h>

void degree\_to\_radian(double \*,double \*,int);

int main(){

int i;

double degrees[5];

double radians[5];

for(i=0;i<5;i++){

scanf("%lf",&degrees[i]);

}

degree\_to\_radian(degrees,radians,5);

for(i=0;i<5;i++){

printf("%lf deg = %lf rad\n",degrees[i],radians[i]);

}

return 0;

}

void degree\_to\_radian(double\*degrees,double \*radians,int n){

int i;

for(i=0;i<n;i++){

\*(radians + 1) = \*(degrees + i) \* 3.141592653 /180;

}

}