P2 CORRECTED ANSWERS

Q10 COMPLEX NUMBER MULTIPICATION

#include <stdio.h>

struct complex {

int real;

float imag;

}c1,c2,c3;

int main() {

struct complex;

scanf("%d",&c1.real);

scanf("%f",&c1.imag);

scanf("%d",&c2.real);

scanf("%f",&c2.imag);

c3.real=c1.real\*c2.real;

c3.imag=c1.imag\*c2.imag;

printf("%d+%fi",c3.real,c3.imag);

return 0;

}

Q2 PASCAL TRIANGLE

#include <stdio.h>

int main() {

int rows, coef = 1, space, i, j;

printf("Enter the number of rows: ");

scanf("%d", &rows);

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

for (space = 1; space <= rows - i; space++)

printf(" ");

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

if (j == 0 || i == 0)

coef = 1;

else

coef = coef \* (i - j + 1) / j;

printf("%4d", coef);

}

printf("\n");

}

return 0;

}