

M	T	W	T	F	S	S
•	1	2	3	4	5	6
7	8	9	10	11	12	13
14	15	16	17	18	19	20
21	22	23	24	25	26	27
28	29	30	31	•	•	•

21

Monday
080-285 . Week 12

MARCH

21-03-2011

3.

Arguments with Return values

Q.1 Modify previous Question.

Appointments Meetings

```
#include <stdio.h>
#include <conio.h>
void printline ( char ch, int len);
value ( float , float, int);
main()
{
float principal, inrate, amount;
int period;
printf("Enter principal amount, interest");
printf("rate, and period \n");
scanf("%f %f %d", &principal, &inrate, &period);
printline ('$', 52);
amount = value (principal, inrate, period);
printf("\n %f %f %f %f %f \n \n", principal,
inrate, period, amount);
printline ('=', 52);
}
void printline (char ch, int len)
{
int i;
for (i=1; i<=len; i++)
printf("%c", ch);
printf("\n");
}
value(float p, float r, int n)
{
int year;
float sum;
```

APRIL	M	T	W	T	F	S	S
	1	2	3
	4	5	6	7	8	9	10
	11	12	13	14	15	16	17
	18	19	20	21	22	23	24
	25	26	27	28	29	30	.

Tuesday
081-284 • Week 12

MARCH

22

22-03-2011

Appointments Meetings

```

sum = p;
year = 1;
while (year <= n)
{
    sum = sum * (1+r);
    year = year + 1;
}
return (sum);

```

Q.2.

```

main()
{
    int x, y;
    double power (int, int);
    printf ("Enter x, y:");
    scanf ("%d %d", &x, &y);
    printf ("%d to power %d is %f\n", x, y, power (x, y));
}

double power (int x, int y);
{
    double p;
    p = 1.0;
    if (y >= 0)
        while (y-- > 0)
            p *= x;
    else
        while (y++ < 0)
            p /= x;
    return (p);
}

```