

Write an application for a lawn-mowing service. The lawn-mowing season lasts 20 weeks. The weekly fee for mowing a lot user 4,000 square feet is \$25. The fee for a lot that is 4,000 square feet or more, but under 6,000 square feet is \$35 per week. The fee for a lot that is 6,000 square feet or over is \$50 per week. Prompt the user for the length and width of a lawn. Also asks the user to whether the customer wants to pay (1) once, (2) twice, or (3) 20 times per year. Display the size of lawn, weekly fee, 20-week seasonal fee and payment plan.

Sample Runs:

```
> run Lawn
Lawn-mowing service
Please enter the lenght and width of your lawn:
Length: 30
Width: 100
How would you like to set up a payment?
(1) once, (2) twice, (3) 20 times per year 1
Your lawn is 3000 square feet.
Weekly fee: $25.00
20-week seasonal fee: $500.00
Your payment is a one time fee: $500.00
```

```
> run Lawn
Lawn-mowing service
Please enter the lenght and width of your lawn:
Length: 30
Width: 100
How would you like to set up a payment?
(1) once, (2) twice, (3) 20 times per year 2
Your lawn is 3000 square feet.
Weekly fee: $25.00
20-week seasonal fee: $500.00
Your payment is twice a year: $250.00
```

> run Lawn

Lawn-mowing service

Please enter the lenght and width of your lawn:

Length:

30

Width:

100

How would you like to set up a payment?

(1) once, (2) twice, (3) 20 times per year

3

Your lawn is 3000 square feet.

Weekly fee: \$25.00

20-week seasonal fee: \$500.00

Your payment is 20 times per year: \$25.00

> run Lawn

Lawn-mowing service

Please enter the lenght and width of your lawn:

Length:

40

Width:

100

How would you like to set up a payment?

(1) once, (2) twice, (3) 20 times per year

1

Your lawn is 4000 square feet.

Weekly fee: \$35.00

20-week seasonal fee: \$700.00

Your payment is a one time fee: \$700.00

> run Lawn

Lawn-mowing service

Please enter the lenght and width of your lawn:

Length:

40

Width:

100

How would you like to set up a payment?

(1) once, (2) twice, (3) 20 times per year

2

Your lawn is 4000 square feet.

Weekly fee: \$35.00

20-week seasonal fee: \$700.00

Your payment is twice a year: \$350.00

> run Lawn

Lawn-mowing service

Please enter the lenght and width of your lawn:

Length:

40

Width:

100

How would you like to set up a payment?

(1) once, (2) twice, (3) 20 times per year

3

Your lawn is 4000 square feet.

Weekly fee: \$35.00

20-week seasonal fee: \$700.00

Your payment is 20 times per year: \$35.00

> run Lawn

Lawn-mowing service

Please enter the lenght and width of your lawn:

Length:

10

Width:

600

How would you like to set up a payment?

(1) once, (2) twice, (3) 20 times per year

1

Your lawn is 6000 square feet.

Weekly fee: \$50.00

20-week seasonal fee: \$1000.00

Your payment is a one time fee: \$1000.00

> run Lawn

Lawn-mowing service

Please enter the lenght and width of your lawn:

Length:

10

Width:

600

How would you like to set up a payment?

(1) once, (2) twice, (3) 20 times per year

2

Your lawn is 6000 square feet.

Weekly fee: \$50.00

20-week seasonal fee: \$1000.00

Your payment is twice a year: \$500.00

```
> run Lawn
```

```
Lawn-mowing service
```

```
Please enter the lenght and width of your lawn:
```

```
Length:
```

```
10
```

```
Width:
```

```
600
```

```
How would you like to set up a payment?
```

```
(1) once, (2) twice, (3) 20 times per year
```

```
3
```

```
Your lawn is 6000 square feet.
```

```
Weekly fee: $50.00
```

```
20-week seasonal fee: $1000.00
```

```
Your payment is 20 times per year: $50.00
```