

\*\*\*\*\***(Part 1)**\*\*\*\*\*

Please enter a year: 2023

2023 is not a leap year

\*\*\*\*\***(Part 2)**\*\*\*\*\*

Enter the format of output (S or I) : S

Enter m and n values: 12 7

Enter the operation (+,-,\*,/,%,!,^): +

Enter the first operand: 8435.3243827

Enter the second operand: 324.32545

8435.324383+324.325450= 87596.4983270e-1

\*\*\*\*\***(Part 3)**\*\*\*\*\*

Enter 3 exam grades for student: 95 70 60

Enter 2 assignment grades for student: 100 55

Final grade: 75.8 Passed!

=====  
Program finished...

osmancan@osmancan-VirtualBox:~/Desktop/HW2 220104004011\$

\*\*\*\*\***(Part 1)**\*\*\*\*\*

Please enter a year: 1997

1997 is not a leap year

\*\*\*\*\***(Part 2)**\*\*\*\*\*

Enter the format of output (S or I) : S

Enter m and n values: 13 5

Enter the operation (+,-,\*,/,%,!,^): -

Enter the first operand: 5873.483

Enter the second operand: 0

5873.483000-0.000000= 58734830.000000e-4

\*\*\*\*\***(Part 3)**\*\*\*\*\*

Enter 3 exam grades for student: 50 55 32

Enter 2 assignment grades for student: 100 100

Final grade: 67.0 Passed!

=====  
Program finished...

osmancan@osmancan-VirtualBox:~/Desktop/HW2 220104004011\$

\*\*\*\*\***(Part 1)**\*\*\*\*\*

Please enter a year: 1992

1992 is a leap year

\*\*\*\*\***(Part 2)**\*\*\*\*\*

Enter the format of output (S or I) : S

Enter m and n values: 8 4

Enter the operation (+,-,\*,/,%,!,^): \*

Enter the first operand: 1234

Enter the second operand: 1000

1234.000000\*1000.000000= 1234.0000e3

\*\*\*\*\***(Part 3)**\*\*\*\*\*

Enter 3 exam grades for student: 20 32 39

Enter 2 assignment grades for student: 120 40

Assignment grades can not be larger than 100 or smaller than 0

Please insert correct assignment grade for first assignment: 12

Final grade: 28.4 Failed!

=====  
Program finished...

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```
***** (Part 1) *****
Please enter a year: 1234
1234 is not a leap year

***** (Part 2) *****
Enter the format of output (S or I) : S
Enter m and n values: 10 3
Enter the operation (+, -, *, /, %, !, ^): %
Enter the first operand: 123.424
Enter the second operand: 23
123.424000%23.000000= 8424000.000e-6

***** (Part 3) *****
Enter 3 exam grades for student: 50 50 50
Enter 2 assignment grades for student: 50 50
Final grade: 50.0 Failed!
=====
Program finished...
osmancan@osmancan-VirtualBox:~/Desktop/HW2 220104004011$
```

```
***** (Part 1) *****
Please enter a year: 8040
8040 is a leap year

***** (Part 2) *****
Enter the format of output (S or I) : S
Enter m and n values: 9 7
Enter the operation (+, -, *, /, %, !, ^): !
Enter the operand: 10
10! = 36.2880000e5

***** (Part 3) *****
Enter 3 exam grades for student: -5 45 60
Exam grades can not be larger than 100 or smaller than 0
Please insert correct exam grade for first exam: 5
Enter 2 assignment grades for student: 75 65
Final grade: 49.6 Failed!
=====
Program finished...
osmancan@osmancan-VirtualBox:~/Desktop/HW2 220104004011$
```

```
***** (Part 1) *****
Please enter a year: 1900
1900 is not a leap year

***** (Part 2) *****
Enter the format of output (S or I) : S
Enter m and n values: 6 3
Enter the operation (+, -, *, /, %, !, ^): ^
Enter the first operand: 12.12
Enter the second operand: 5
12.120000^5= 261.525e3

***** (Part 3) *****
Enter 3 exam grades for student: 90 80 70
Enter 2 assignment grades for student: 60 50
Final grade: 70.0 Passed!
=====
Program finished...
osmancan@osmancan-VirtualBox:~/Desktop/HW2 220104004011$
```

\*\*\*\*\***(Part 1)**\*\*\*\*\*

```
Please enter a year: 1888
1888 is a leap year
```

\*\*\*\*\* (Part 2) \*\*\*\*\*

```
Enter the format of output (S or I) : I
Enter the operation (+,-,*,/,%,!,^): +
Enter the first operand: 12223.342
Enter the second operand: 123.45679
12223.342000+123.456790= 12346
```

\*\*\*\*\***(Part 3)**\*\*\*\*\*

```
Enter 3 exam grades for student: 45 74 37
Enter 2 assignment grades for student: 48 60
Final grade: 52.8 Failed!
```

```
Program finished...
```

```
osmancan@osmancan-VirtualBox:~/Desktop/HW2 220104004011$
```

\*\*\*\*\* (Part 1) \*\*\*\*\*

```
Please enter a year: 1779
1779 is not a leap year
```

\*\*\*\*\* (Part 2) \*\*\*\*\*

```
Enter the format of output (S or I) : I
Enter the operation (+,-,*,/,%,!,^): !
Enter the operand: 7
7! = 5040
```

\*\*\*\*\* (Part 3) \*\*\*\*\*

```
Enter 3 exam grades for student: 46 65 36
Enter 2 assignment grades for student: 68 47
Final grade: 52.2 Failed!
```

```
Program finished...
```

```
osmancan@osmancan-VirtualBox:~/Desktop/HW2 220104004011$
```

\*\*\*\*\* (Part 2) \*\*\*\*\*

```
Enter the format of output (S or I) : I
Enter the operation (+,-,*,/,%,!,^): %
Enter the first operand: 50
Enter the second operand: 11
50.000000%11.000000= 6
```

\*\*\*\*\* (Part 3) \*\*\*\*\*

```
Enter 3 exam grades for student: 85 73 29
Enter 2 assignment grades for student: 60 60
Final grade: 61.2 Passed!
```

```
Program finished...
```

```
osmancan@osmancan-VirtualBox:~/Desktop/HW2 220104004011$
```



\*\*\*\*\*  
(Part 1)\*\*\*\*\*

Please enter a year: 2138

2138 is not a leap year

\*\*\*\*\*  
(Part 2)\*\*\*\*\*

Enter the format of output (S or I) : I

Enter the operation (+,-,\*,/,%,!,^): (

Error, invalid operation!

\*\*\*\*\*  
(Part 3)\*\*\*\*\*

Enter 3 exam grades for student: 60 60 60

Enter 2 assignment grades for student: 60 60

Final grade: 60.0 Passed!

=====

Program finished...

osmancan@osmancan-VirtualBox:~/Desktop/HW2 220104004011\$

\*\*\*\*\*  
(Part 1)\*\*\*\*\*

Please enter a year: 2145

2145 is not a leap year

\*\*\*\*\*  
(Part 2)\*\*\*\*\*

Enter the format of output (S or I) : \*

Error, invalid format!

\*\*\*\*\*  
(Part 3)\*\*\*\*\*

Enter 3 exam grades for student: 60 60 59

Enter 2 assignment grades for student: 60 60

Final grade: 59.4 Failed!

=====

Program finished...

osmancan@osmancan-VirtualBox:~/Desktop/HW2 220104004011\$

\*\*\*\*\*  
(Part 1)\*\*\*\*\*

Please enter a year: 4000

4000 is not a leap year

\*\*\*\*\*  
(Part 2)\*\*\*\*\*

Enter the format of output (S or I) : S

Enter m and n values: 20 11

Enter the operation (+,-,\*,/,%,!,^): /

Enter the first operand: 1877456

Enter the second operand: 1345.45

1877456.000000/1345.450000= 139541120.07135159241e-5

\*\*\*\*\*  
(Part 3)\*\*\*\*\*

Enter 3 exam grades for student: 100 101 95

Exam grades can not be larger than 100 or smaller than 0

Please insert correct exam grade for second exam: 100

Enter 2 assignment grades for student: -90 90

Assignment grades can not be larger than 100 or smaller than 0

Please insert correct assignment grade for first assignment: 90

Final grade: 94.8 Passed!

=====

Program finished...

osmancan@osmancan-VirtualBox:~/Desktop/HW2 220104004011\$