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varnan@varnan-VirtualBox:~/Practicals$ gcc Practical4_a.c -lm
varnan@varnan-VirtualBox:~/Practicals$ ./a.out
Welcome to Number identifier.
Please enter your desired option:
1) Armstrong number Identifier
2) Prime Number Identifier
3) Square root finder.
--> 1
Welcome to the Armstrong Number Identifier.
How long is your number?-->4
Please enter the number -->9474
Yes! Your number is an Armstrong Number!.
Thank you!varnan@varnan-VirtualBox:~/Practicals$ ./a.out
Welcome to Number identifier.
Please enter your desired option:
1) Armstrong number Identifier
2) Prime Number Identifier
3) Square root finder.
--> 1
Welcome to the Armstrong Number Identifier.
How long is your number?-->4
Please enter the number -->9999
No. Your number is not an Armstrong Number.
Thank you!varnan@varnan-VirtualBox:~/Practicals$ ./a.out
Welcome to Number identifier.
Please enter your desired option:
1) Armstrong number Identifier
2) Prime Number Identifier
3) Square root finder.
--> 2
Welcome to the Prime Number Identifier.
Please enter a number-->4
No. Your number is not a Prime Number.
Thank you!varnan@varnan-VirtualBox:~/Practicals$ ./a.out
Welcome to Number identifier.
Please enter your desired option:
1) Armstrong number Identifier
2) Prime Number Identifier
3) Square root finder.
--> 2
Welcome to the Prime Number Identifier.
Please enter a number-->7
Yes! Your number is a Prime Number!
Thank you!varnan@varnan-VirtualBox:~/Practicals$ ./a.out
Welcome to Number identifier.
Please enter your desired option:
1) Armstrong number Identifier
2) Prime Number Identifier
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3) Square root finder.  
--> 3  
Welcome to the Square Root Finder.  
Please enter a number-->5  
The square root of your given number is 2.236068.  
Thank you!varnan@varnan-VirtualBox:~/Practicals$ ./a.out  
Welcome to Number identifier.  
Please enter your desired option:  
1) Armstrong number Identifier  
2) Prime Number Identifier  
3) Square root finder.  
--> 3  
Welcome to the Square Root Finder.  
Please enter a number-->625  
The square root of your given number is 25.000000.  
Thank you!varnan@varnan-VirtualBox:~/Practicals$
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varnan@varnan-VirtualBox:~/Practicals$ gcc Practical4_b.c
varnan@varnan-VirtualBox:~/Practicals$ ./a.out
Welcome to the Check-inator! Please select an option:
1)Vowel Checker.
2) Leap Year Checker.
3)Even Number Checker.
-->1
Welcome to the Vowel Checker! Enter a character--> a
Your letter is a vowel!
Thank you!varnan@varnan-VirtualBox:~/Practicals$ ./a.out
Welcome to the Check-inator! Please select an option:
1)Vowel Checker.
2) Leap Year Checker.
3)Even Number Checker.
-->1
Welcome to the Vowel Checker! Enter a character--> r
Your letter is not a vowel.
Thank you!varnan@varnan-VirtualBox:~/Practicals$ ./a.out
Welcome to the Check-inator! Please select an option:
1)Vowel Checker.
2) Leap Year Checker.
3)Even Number Checker.
-->1
Welcome to the Vowel Checker! Enter a character--> u
Your letter is a vowel!
Thank you!varnan@varnan-VirtualBox:~/Practicals$ ./a.out
Welcome to the Check-inator! Please select an option:
1)Vowel Checker.
2) Leap Year Checker.
3)Even Number Checker.
-->2
Welcome to the Leap Year Checker! Please enter a year --> 2020
Yes the year is a leap year!
Thank you!varnan@varnan-VirtualBox:~/Practicals$ ./a.out
Welcome to the Check-inator! Please select an option:
1)Vowel Checker.
2) Leap Year Checker.
3)Even Number Checker.
-->2
Welcome to the Leap Year Checker! Please enter a year --> 2100
No. The year is not a leap year.
Thank you!varnan@varnan-VirtualBox:~/Practicals$ ./a.out
Welcome to the Check-inator! Please select an option:
1)Vowel Checker.
2) Leap Year Checker.
3)Even Number Checker.
-->3
Welcome to the Even Number Checker! Please enter a number -->2384790
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Your number is an Even Number.  
Thank you!varnan@varnan-VirtualBox:~/Practicals$ ./a.out  
Welcome to the Check-inator! Please select an option:  
1)Vowel Checker.  
2) Leap Year Checker.  
3)Even Number Checker.  
-->3  
Welcome to the Even Number Checker! Please enter a number -->219873  
Your number is an Odd Number.  
Thank you!varnan@varnan-VirtualBox:~/Practicals$
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