**Selection Practice Problems with if, elif and else**

1)

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$ nano elif3.sh

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$ bash elif3.sh

enter a number: 4

its four number

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$ bash elif3.sh

enter a number: 3

its three number

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$ bash elif3.sh

enter a number: 8

enter a valid num

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$ cat elif3.sh

read -p "enter a number: " a

if [ $a == 1 ]

then

echo "its one number"

elif [ $a == 2 ]

then

echo "its two number"

elif [ $a == 3 ]

then

echo "its three number"

elif [ $a == 4 ]

then

echo "its four number"

elif [ $a == 5 ]

then

echo "its five number"

else

echo "enter a valid num"

fi

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$ bash -x elif3.sh

+ read -p 'enter a number: ' a

enter a number: 4

+ '[' 4 == 1 ']'

+ '[' 4 == 2 ']'

+ '[' 4 == 3 ']'

+ '[' 4 == 4 ']'

+ echo 'its four number'

its four number

2)

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$ nano elif2.sh

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$ bash elif2.sh

enter a number:2

2 is a tuesday

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$ bash elif2.sh

enter a number:7

7 is a sunday

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$ bash elif2.sh

enter a number:1

1 is a monday

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$ bash elif2.sh

enter a number:8

enter a valid number

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$ cat elif2.sh

read -p "enter a number:" a

if [ $a == 1 ]

then

echo "$a is a monday"

elif [ $a == 2 ]

then

echo "$a is a tuesday"

elif [ $a == 3 ]

then

echo "$a is a wednesday"

elif [ $a == 4 ]

then

echo "$a is a thursday"

elif [ $a == 5 ]

then

echo "$a is a friday"

elif [ $a == 6 ]

then

echo "$a is a saturday"

elif [ $a == 7 ]

then

echo "$a is a sunday"

else

echo "enter a valid number"

fi

3)

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$ bash -x elif.sh

+ x

elif.sh: line 1: x: command not found

+ read -p ' enter a number :' x

enter a number :4

+ '[' 4 == 10 ']'

+ '[' 4 == 100 ']'

+ '[' 4 == 1000 ']'

+ echo 'enter a valid number'

enter a valid number

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$ nano elif.sh

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$ bash elif.sh

enter a number :1

enter a valid number

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$ bash elif.sh

enter a number :10

10 is ten

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$ bash elif.sh

enter a number :100

100 is hundred

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$ bash elif.sh

enter a number :1000

1000 is thousand

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$ cat elif.sh

read -p " enter a number :" x

if [ $x == 10 ]

then

echo "$x is ten"

elif [ $x == 100 ]

then

echo "$x is hundred"

elif [ $x == 1000 ]

then

echo "$x is thousand"

else

echo "enter a valid number"

fi

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$ bash -x elif.sh

+ read -p ' enter a number :' x

enter a number :3

+ '[' 3 == 10 ']'

+ '[' 3 == 100 ']'

+ '[' 3 == 1000 ']'

+ echo 'enter a valid number'

enter a valid number