

```

def print_board():
    for r in range(0,3):
        for c in range(0,3):
            print map[2-r][c],
            if c != 2:
                print "|",
            print ""

def check():
    for i in range(0,3):
        if map[i][0] == map[i][1] == map[i][2] != " " \
        or map[0][i] == map[1][i] == map[2][i] != " ":
            print move, "won!!!"
            return True

    if map[0][0] == map[1][1] == map[2][2] != " " \
    or map[0][2] == map[1][1] == map[2][0] != " ":
        print move, "won!!!"
        return True

    if " " not in map[0] and " " not in map[1] and " " not in map[2]:
        print "Draw"
        return True

    return False

move = "X"
map = [
    [" ", " ", " "],
    [" ", " ", " "],
    [" ", " ", " "]
]
done = False

while done != True:
    print_board()

    print move, "'s turn"

```

```
print
```

```
moved = False
```

```
while moved != True:
```

```
    print "Please select position by typing in a number between 1 and 9,\n    see below for which number that is which position..."
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```
    print "7|8|9"
```

```
    print "4|5|6"
```

```
    print "1|2|3"
```

```
    print
```

```
    try:
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```
        pos = input("Select: ")
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        if pos <=9 and pos >=1:
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```
            Y = pos/3
```

```
            X = pos%3
```

```
            if X != 0:
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```
                X -=1
```

```
            else:
```

```
                X = 2
```

```
                Y -=1
```

```
        if map[Y][X] == " ":
```

```
            map[Y][X] = move
```

```
            moved = True
```

```
            done = check()
```

```
        if done == False:
```

```
            if move == "X":
```

```
                move = "O"
```

```
            else:
```

```
                move = "X"
```

```
    except:
```

```
        print "You need to add a numeric value"
```