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"""
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CP1404/CP5632 Practical - Suggested Solution
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```
Quick pick program
```

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"""
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```
import random
```

```
NUMBERS_PER_LINE = 6
```

```
MINIMUM = 1
```

```
MAXIMUM = 45
```

```
def main():
```

```
    """Quick picks program - choose sets of random numbers."""
```

```
    number_of_quick_picks = int(input("How many quick picks? "))
```

```
    while number_of_quick_picks < 0:
```

```
        print("That makes no sense!")
```

```
        number_of_quick_picks = int(input("How many quick picks? "))
```

```
    for i in range(number_of_quick_picks):
```

```
        quick_pick = []
```

```
        for j in range(NUMBERS_PER_LINE):
```

```
            number = random.randint(MINIMUM, MAXIMUM)
```

```
            while number in quick_pick:
```

```
                number = random.randint(MINIMUM, MAXIMUM)
```

```
            quick_pick.append(number)
```

```
        quick_pick.sort()
```

```
        # the following uses a generator expression (like a list comprehension)
```

```
        # to format each number in quick_pick in the same way
```

```
        # this is then turned into a single string with the join method
```

```
        print(" ".join("{:2}".format(number) for number in quick_pick))
```

```
main()
```