

*Solutions Manual for Introduction to
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Introduction to

Python Program- ming

Instructor Solutions Manual

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Chapter 1

1.1

Favorite song.

```
print("Hello! What is your name?")
name = input()
print("Nice to meet you, " + name + ".")

print("What is your favorite song?")
song = input()
print("Cool! I like", song, "too.")
```

1.2

Frost poem.

```
print("I shall be telling this with a sigh")
print("Somewhere ages and ages hence:")
print("Two roads diverged in a wood, and I--")
print("I took the one less traveled by,")
print("And that has made all the difference.")
```

1.2

Name and likes.

```
name = input("What is your name? ")
like = input("What do you like? ")
print()
print(name, "likes", like)
```

1.3

Final score.

```
team1 = "Liverpool"
score1 = 4
team2 = "Chelsea"
score2 = 3

print(team1, "versus", team2)
print("Final score:", score1, "to", score2)
```

1.4

Punctuation.

```
name = "Freda"
feel = "happy"
print("Hi,", name + "!")
print("I'm glad you feel", feel + ".")
```

1.4

Name length.

```
first = input("What is your first name? ")
last = input("What is your last name? ")
print("Your first name is", len(first), "letters long")
print("Your last name is", len(last), "letters long")
```

1.5

Values and types.

```
int_a = 10
float_a = 10.0
string_a = "10"

print(int_a, type(int_a))
print(float_a, type(float_a))
print(string_a, type(string_a))
```

1.5

Meters to feet.

```
meters = 10
meter2feet = 3.28
feet = meters * meter2feet
print(feet)
```

1.6

Three errors.

```
word = input("What is your favorite word? ")
print()
print("You said:", word)
print("That's all, Folks!")
```

1.6

Wrong symbols.

```
team1 = "Liverpool"
score1 = "4"
team2 = "Chelsea"
score2 = "3"

print(team1, "versus", team2)
print("Final score:", score1, "to", score2)
```

1.7

Whose birthday.

```
# Get the person's name
name = input("Whose birthday is today? ")
```