Experiment1: Program to demonstrate type checking of various data types and demonstrate the use of following built in functions in python: abs(), len(), min(), round(), isalnum(), type().

CODE:

```python
a=5
print("Type of a:",type(a))
b=5.0
print("Type of b:",type(b))
c=2+4j
print("Type of c:",type(c))
d='Hello'
print("Type of d:",type(d))
e=(1,3,4,'d',5)
print("Type of e:",type(e))
f=[10,20,'go',60]
print("Type of f:",type(f))

g=-34
print('\nAbsolute value of -34:',abs(g))
str='abc123'
print('Length of string:',len(str))
items=(10,5,25,20,35)
```

```python
print('Min element from item:',min(items))
h=23.5555557
print('Roundof value of 23.5555557:',round(h))
print('Is str isalnum:',str.isalnum())
i=32
print('DataType of 32:',type(i))
```

OUTPUT:

```
-------------------- RESTART: C:/03
Type of a: <class 'int'>
Type of b: <class 'float'>
Type of c: <class 'complex'>
Type of d: <class 'str'>
Type of e: <class 'tuple'>
Type of f: <class 'list'>

Absolute value of -34: 34
Length of string: 6
Min element from item: 5
Roundof value of 23.5555557: 24
Is str isalnum: True
DataType of 32: <class 'int'>
>>>
```