

	OCR Exam Reference Language	Python
Comment	// works out the total	# works out the total
Assignment	total = 0 name = "Sam"	total = 0 name = "Sam"
Constant	const vat = 0.2	VAT = 0.2 # no real constants
Input and output	name = input("Your name?") print("Hi " + name)	name = input("Your name?") print("Hi " + name)
Casting	int("3") float("4.5") str(345)	int("3") float("4.5") str(345)
Arithmetic	7 / 2 7 DIV 2 7 MOD 2 2 ^ 3	7 / 2 7 // 2 7 % 2 2 ** 3
Comparison	== != < <= > >=	== != < <= > >=
Boolean	AND OR NOT	and or not
Count-controlled loop	for i = 0 to 9 print(i) next i	for i in range(10): print(i)
Loop with a step	for i = 10 to 0 step -2 print(i) next i	for i in range(10, -1, -2): print(i)
While loop	while guess != 7 guess = int(input()) endwhile	while guess != 7: guess = int(input())
Do until loop	do guess = int(input()) until guess == 7	while True: guess = int(input()) if guess == 7: break
Selection	if mark >= 50 then print("Pass") elseif mark >= 40 then print("Near") else print("Fail") endif	if mark >= 50: print("Pass") elif mark >= 40: print("Near") else: print("Fail")
Switch	switch day: case "Sat": print("Weekend") default: print("Weekday") endswitch	match day: case "Sat": print("Weekend") case _: print("Weekday")

OCR J277 Exam Reference Language. Exam questions are written in Exam Reference Language; you answer in it or in a high-level language such as Python.