**ENG 3202/ECC3005 - Sem 1 2021/22**

**QUIZ 2**

Tentukan kesilapan jika ada, di dalam definasi dan segmen aturcara berikut. Tuliskan kod yang telah dibetulkan dalam ruang yang disediakan. Anda boleh mengesahkan jawapan anda dengan menggunakan pengkompil C++.

*(Identify the error(s) if any, in the following definitions and program segments. Write the corrected codes in the space provided. You may verify your answer using the C++ compiler.)*

(a) **void myfunction(int x,int y){  
  cout<<x\*y;  
  return(x\*y)  
}  
Jawapan / Answer:**

**void myfunction(int x,int y){  
  cout<<x\*y;  
  return;  
}**

(b) **int selfie(int x,y);**

**{  
    return x+y;  
}**

**Jawapan / Answer:**

**int selfie(int x,int y)**

**{  
    return x+y;  
}**

(c) **int a;**

**int p = &a;**

**Jawapan / Answer:**

**int a;**

**int \*p = &a;**

(d) **int \*point;**

**cin >> &p;**

**Jawapan / Answer:**

**int \*point,\*p;**

**cin >> &p;**

(e) **int fun(int x, int y){**

**int sun (int t) {**

**return (t + 3);}  
  return z;  
}**

**Jawapan / Answer:**

**int fun(int x, int y){**

**int sun (int t) {**

**Int z;**

**return (t + 3);  
  return z;  
}**

(f) **int list[ ] = [11, 91, 66, 99, 77];**

**int \*ptr = list[3];**

**Jawapan / Answer:**

**int list[ ] = [11, 91, 66, 99, 77];**

**int \*ptr = (list+3);**

(g) **void add (int \*x, int \*y, int \*z)**

**{ int sum;**

**sum = x + y + z;**

**return add;**

**}**

**Jawapan / Answer:**

int **add (int \*x, int \*y, int \*z)**

**{ int sum,add;**

**sum = x + y + z;**

**return add;**

**}**

(h) **int matrix [4][4];**

**cout << "Please enter all matrix values: " << endl;**

**for (i= 1; i < 5; i++)**

**for (j=0; j < 4; ++j)**

**cin << matrix [i][j];**

**Jawapan / Answer:**

**int matrix [4][4];**

**for (i= 1; i < 5; i++)**

**for (j=0; j < 4; ++j)**

**cout << "Please enter all matrix values: " << endl;**

**cin << matrix [i][j];**

1. **int my\_array[3] = {24,92,3,85};**

**int \*ptr;**

**ptr = &my\_array;**

**cout << \*ptr << " ";**

**Jawapan / Answer:**

1. **int my\_array[3] = {24,92,3,85};**

**int \*ptr;**

**\*ptr = &my\_array;**

**cout << \*ptr << " ";**

(j) **void subtotal (double a, int n){**

**for (i = 1, i < n, ++i)**

**a[i] \*= a[i-1];**

**}**

**Jawapan / Answer:**

**void subtotal (double a, int n){**

**Int I;**

**for (i = 1, i < n, ++i)**

**\*a[i]= a[i-1];**

**}**