Correction des Copies d'Examen - ASD S1 25-26

Source: `doc20260115223319.pdf`

Barème de Notation (Estimé)

- **Déclarations & Initialisation**: 3 pts
- **Saisie des Données** (N, A, S): 3 pts
- **Boucle Principale** (Condition d'arrêt): 6 pts
- **Traitement dans la boucle** (Compteurs, s-a/s-p): 4 pts
- **Décision Finale** (Comparaison seuil): 4 pts **Total: 20**

Copie N° 1

Code Transcrit (Fidèle)

```
#include <stdio.h>
int main ( )
{
   int S, N, A, n, L, m. printf("Enter the total of Student");
   Scanf("%d", N);
   while (N> 44) printf("Enter n) Scanf("%d, n) n = 0 if(n <A)
   {
       printf(the Student is abzent);
       else printf(the Student in present);
       End if i = 0 m = n + i L = n + i if(m <A) printf(the number of Student present);
       else printf (the number of Student abzent);
       S = n i++ if ( L <S) End while printf(the session valid else ( printf ( session can
   }
```

(Note: Code très incomplet et syntaxe incorrecte)

Copie N° 2

Code Transcrit (Fidèle)

```
#include <stdio.h>
int main()
{
   int N, A, S, x, sA, sP, sT;
   printf("Enter the total number of registred student : ");
   scanf("%d", &N);
   printf("Enter the minimum attendance required : ");
```

```
   scanf("%d", &A);
   printf("Enter the absents threshold : ");
   scanf("%d", &S);
   for (int i=0; i<=N; i++)
   {
       printf("Enter x : ", i+1);
       scanf("%d", &x);
       if (x <A)
       {
           printf("the student is absent.");
       }

       else
       {
           printf("the student is present\n");
       }

       sP = N - x;
       sA = N - sP;
       printf("the student present students = %d", sP);
       printf("the absent students = %d", sA);
       if (x == N || x == S)
       {
           printf("simulation stops");
           ST = sP + sA;
           printf(" the total processed students = %d", ST);
           printf(" the present students = %d", sP);
           printf(" the absent students = %d", sA);
           // Final status: if (N <sA)
           {
               printf(" session cancelled!");
           }

           else
           {
               printf(" session valid");
           }

           return 0;
       }
```

Copie N° 3

Code Transcrit (Fidèle)

```
#include <stdio.h>
int main()
{
```

```
    int N, A, S;
    int x;
    int i;
    int Absence, Presence;
    printf("what is the total number of registered Students : ");
    scanf("%d", &N);
    printf("what is the minimum attendance required : ");
    scanf("%d", &A);
    printf("what is the absence threshold : ");
    scanf("%d", &S);
    for (i = 1; i <= N; i++)
    {
        printf("Student number %d", i);
        scanf("%d", &x);
        if (x <A)
        {
            Absence = Absence + 1;
        }

        else
        {
            Presence = Presence + 1;
        }

        printf("Present Students : %d\n", Presence);
        printf("Absent Students : %d", Absence);
        if (i == N || Absence == S)
        {
            if (Presence> Absence)
            {
                printf("Total processed Students : %d", i);
                printf("Present Students : %d", Presence);
                printf("Absent Students : %d", Absence);
                printf("Session Valid");
                break;
            }

            else
            {
                printf("Total processed Students : %d", i);
                printf("Present Students %d", Presence);
                Printf("Absent Students : %d", Absence);
                Printf (" Session Cancelled ! ");
                Return 0;
            }

        }

    }

}
```

```
// I'm sorry for my lang / bad handwriting :(
```

Copie N° 4

Code Transcrit (Fidèle)

```
#include <stdio.h>
#include <math.h>
int main()
{
   int N;
   int A;
   int S;
   Printf("enter minimum attendance required");
   Scanf("%d", &A);
   Printf("enter the absence threshold");
   Scanf("%d", &S);
   for (i = 1; i <= N; i++)
   {
       {
           printf("enter the total number of students : \n");
           Scanf("%d", &N);
           printf(". Students number %d : \n", i);
           i = i + 1 int x;
           Scan("%d", &x);
           Printf(" Student number %d : %d", i, x);
           if (x <A)
           {
               printf("the Student is absent : \n");
           }

           else
           {
               printf("the Student is present \n");
           }

       }

       // [Some Arabic text provided here in original] int present;
       absent = N - present;
       printf(" the absent is %d", absent);
       int Sum;
       Sum = absent if (present <S)
       {
           printf(" Stop program");
       }

       else if (N == N)
```

```
        {
            printf(" Stop program");
        }

        return 0;
    }
```

Copie N° 5

Code Transcrit (Fidèle)

```
int N = 0;
int A = 0;
int S = 0;
int X = 0;
int absent = 0;
int present = 0;
printf("Enter the number of registered students : ");
scanf("%d", );
printf("Enter the min attendance required : ");
scanf("%d", &A);
printf("Enter the absence threshold : ");
scanf("%d", &S);
for (i = 0; i <N; i++)
{
   printf("enter the number of attended sessions : ");
   scanf("%d", &X);
   if (X <A)
   {
       printf("student %d is absent", i);
       absent ++;
   }

   else
   {
       printf("student %d is present", i);
       present ++;
   }

   printf("student number : %d\n", i);
   printf("%d absent students\n", absent);
   printf("%d present students\n", present);
   if (absent>= S)
   {
       i = N;
   }

}
```

```
printf("total number of pro processed = absent + present; printf("the total number of proc
printf("%d present students", present);
printf("%d absent students", absent);
if (absent>= S)
{
   printf("valid Session");
}

else
{
   printf("Cancelled Session");
}

return 0;
}
```

Copie N° 6

Code Transcrit (Fidèle)

```
#include <stdio.h>
int main()
{
   int N, X, A, S, L=0, M=0, i=0;
   printf("type total number of Students");
   scanf("%d", &N);
   printf("type the minimum of attendance required");
   scanf("%d", &A);
   printf("type the absence threshold");
   scanf("%d", &S);
   while ( ( L ) <S && i <N )
   {
       printf("Student %d", i);
       scanf("%d", &X);
       if ( X <A )
       {
           L ++ ;
       }

       else
       {
           M ++ ;
       }

       i ++ ;
   }
```

```
   if ( L == S )
   {
       printf ( " the exame is cancelled " ) ;
   }

   else
   {
       printf ( " the exame is valid " ) ;
   }

   printf ( " number of Student total : %d " , N ) ;
   printf ( " number of Student absent : %d " , L ) ;
   printf ( " number of Student present : %d " , M ) ;
   return 0 ;
}
```

Copie N° 7

Code Transcrit (Fidèle)

```
#include <stdio.h>
int main()
{
   int n, A, S, S1=0, n1=0, x;
   Printf("enter total numbre of registered students \n");
   Scanf("%d", &n);
   Printf("enter minimum attendance required \n");
   Scanf("%d", &A);
   Printf("enter absense threshold");
   Scanf("%d", &S);
   for (int i=0; i<=n; i++)
   {
       if (S1 <= S)
       {
           Printf("the numbre of attended sessions x : \n");
           Scanf("%d", &x);
           if (x <A)
           {
               S1 = S1 + 1;
               Printf("student numbre: %d - Present students: %d - absent student: %d \n",

           }

           else
           {
               n1 = n1 + 1;
               Printf("student numbre: %d - Present students : %d - absent student: %d \n"

           }
```

```
        }

        else
        {
            n = i;
        }

    }

    if (S1 == S || n1>= n)
    {
        Printf("Session cancelled \n");
    }

    else
    {
        Printf("Session valid \n");
    }

    Printf("\n");
    return 0;
}
```