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 cancelled)
End while
return 0 }
```

(Note: Code très incomplet et syntaxe incorrecte)

Copie N° 2

Code Transcrit (Fidèle)

```c
# 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)

```c
#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);
```

```c
printf("%d present students\n", present);
if (absent >= S) {
i = N; }
}
printf("total number of pro
processed = absent + present;
printf("the total number of processed students is : %d", processed);
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)

```c
#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)

```c
#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", i, n1, S1);
} else {
n1 = n1 + 1;
Printf("student numbre: %d - Present students : %d - absent student: %d \n", i, n1, S1);
} } else {
n = i;
}
}
if (S1 == S || n1 >= n) {
Printf("Session cancelled \n");
}
else {
Printf("Session valid \n");
}
Printf("\n");
return 0;
}
```