**FATEC-SP - FACULDADE DE TECNOLOGIA DE SÃO PAULO**

**ADS – ANÁLISE E DESENVOLVIMENTO DE SISTEMAS**

**DISCIPLINA: LINGUAGEM DE PROGRAMAÇÃO I – LPI**

**EM1 – Exercício de Máquina 1**

**Turno: Noturno**

**MATRÍCULA: 1020545-1**

**NOME: Cledir da Silva Justo**

**Prof. Hiromasa Nagata**

**Definição dos Programas**

EX01 : Lê todos os registros de CADCLI1 e grava uma cópia de todos os registros em CADCLI2 conforme layout especificado.

EX02: Lê todos os registros de CADALU e grava os registros em CADATU conforme layout especificado.

EX03: Lê todos os registros de CADALU, calcula a média e grava em CADATU.

EX04: Lê todos os registros de CADCLI1, grava no arquivo CADCLI2 somente os registros do sexo masculino.

EX05: Lê todos os registros de CADALU, calcula a média e grava no arquivo de saída CADAPR somente os alunos com média >= 7.

EX06: Lê todos os registros de CADENT, grava em CADSAI todos os registros com salário bruto maior que R$ 3.000.

EX07: Lê todos os registros de CADALU, grava em CADATU somente os registros do sexo feminino, calcula média.

EX08: Lê os registros de CADFUN, efetua o reajuste e grava em CADSAI.

**EX01 (LST)**

\* Microsoft COBOL Version 4.5 L2.4 revision 002 23-Feb-13 11:20 Page 1

\* EX01.CBL

\* Options: LIST(EX01.LST) ASMLIST(EX01.GRP)

1 IDENTIFICATION DIVISION.

2 PROGRAM-ID. EX01.

3 AUTHOR. CLEDIR JUSTO.

4 INSTALLATION. FATEC-SP.

5 DATE-WRITTEN. 23/02/2013.

6 DATE-COMPILED.

7 SECURITY.

8

9 ENVIRONMENT DIVISION.

10 CONFIGURATION SECTION.

11 SOURCE-COMPUTER. IBM-PC.

12 OBJECT-COMPUTER. IBM-PC.

13 SPECIAL-NAMES. DECIMAL-POINT IS COMMA.

14

15 INPUT-OUTPUT SECTION.

16 FILE-CONTROL.

17 SELECT CAD-CLI1 ASSIGN TO DISK

18 ORGANIZATION IS LINE SEQUENTIAL.

19 SELECT CAD-CLI2 ASSIGN TO DISK

20 ORGANIZATION IS LINE SEQUENTIAL.

21

22 DATA DIVISION.

23 FILE SECTION.

24 FD CAD-CLI1

25 LABEL RECORD ARE STANDARD

26 VALUE OF FILE-ID IS "CAD-CLI1.DAT".

27

28 01 REG-ENT.

29 02 COD-ENT PIC 9(05).

30 02 NOME-ENT PIC X(20).

31

32 FD CAD-CLI2

33 LABEL RECORD ARE STANDARD

34 VALUE OF FILE-ID IS "CAD-CLI2.DAT".

35

36 01 REG-SAI.

37 02 NOME-SAI PIC X(20).

38 02 COD-SAI PIC 9(05).

39

40 WORKING-STORAGE SECTION.

41 77 FIM-ARQ PIC X(03) VALUE "NAO".

42

43 PROCEDURE DIVISION.

44

45 PGM-EXEMPLO00.

46 PERFORM INICIO.

47 PERFORM PRINCIPAL

48 UNTIL FIM-ARQ EQUAL "SIM".

49

50 PERFORM TERMINO.

51

52 STOP RUN.

53

54 INICIO.

55

56 OPEN INPUT CAD-CLI1

57 OUTPUT CAD-CLI2.

**EX01 (CAD-CLI1.DAT)**

11111BATMAN

22222SPIDER-MAN

**EX01 (CAD-CLI2.DAT)**

BATMAN 11111

SPIDER-MAN 22222

**EX02 (LST)**

\* Microsoft COBOL Version 4.5 L2.4 revision 002 03-Mar-13 15:17 Page 1

\* EX02.CBL

\* Options: LIST(EX02.LST) ASMLIST(EX02.GRP)

1 IDENTIFICATION DIVISION.

2 PROGRAM-ID. EX02.

3 AUTHOR. CLEDIR JUSTO.

4 INSTALLATION. FATEC-SP.

5 DATE-WRITTEN. 03/03/2013.

6 DATE-COMPILED.

7 SECURITY.

8

9 ENVIRONMENT DIVISION.

10 CONFIGURATION SECTION.

11 SOURCE-COMPUTER. IBM-PC.

12 OBJECT-COMPUTER. IBM-PC.

13 SPECIAL-NAMES. DECIMAL-POINT IS COMMA.

14

15 INPUT-OUTPUT SECTION.

16 FILE-CONTROL.

17 SELECT CADALU ASSIGN TO DISK

18 ORGANIZATION IS LINE SEQUENTIAL.

19 SELECT CADATU ASSIGN TO DISK

20 ORGANIZATION IS LINE SEQUENTIAL.

21

22 DATA DIVISION.

23 FILE SECTION.

24 FD CADALU

25 LABEL RECORD ARE STANDARD

26 VALUE OF FILE-ID IS "CADALU.DAT".

27

28 01 REG-ENT.

29 02 NUMERO PIC 9(05).

30 02 NOME PIC X(20).

31 02 SEXO PIC X(01).

32 02 DD PIC 9(02).

33 02 MM PIC 9(02).

34 02 AAAA PIC 9(04).

35

36 FD CADATU

37 LABEL RECORD ARE STANDARD

38 VALUE OF FILE-ID IS "CADATU.DAT".

39

40 01 REG-SAI.

41 02 NUMERO-SAI PIC 9(05).

42 02 NOME-SAI PIC X(20).

43 02 DD-SAI PIC 9(02).

44 02 MM-SAI PIC 9(02).

45 02 AAAA-SAI PIC 9(04).

46

47 WORKING-STORAGE SECTION.

48 77 FIM-ARQ PIC X(03) VALUE "NAO".

49

50 PROCEDURE DIVISION.

51

52 PGM-EX02.

53 PERFORM INICIO.

54 PERFORM PRINCIPAL

55 UNTIL FIM-ARQ EQUAL "SIM".

56

57 PERFORM TERMINO.

\* Microsoft COBOL Version 4.5 L2.4 revision 002 03-Mar-13 15:17 Page 2

\* EX02.CBL

58

59 STOP RUN.

60

61 INICIO.

62

63 OPEN INPUT CADALU

64 OUTPUT CADATU.

65 PERFORM LEITURA.

66

67 LEITURA.

68 READ CADALU

69 AT END

70 MOVE "SIM" TO FIM-ARQ.

71

72 PRINCIPAL.

73 PERFORM GRAVACAO.

74 PERFORM LEITURA.

75

76 GRAVACAO.

77 MOVE NUMERO TO NUMERO-SAI.

78 MOVE NOME TO NOME-SAI.

79 MOVE DD TO DD-SAI.

80 MOVE MM TO MM-SAI.

81 MOVE AAAA TO AAAA-SAI.

82 WRITE REG-SAI.

83

84 TERMINO.

85 CLOSE CADALU

86 CADATU.

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\* REF GNB-024050002A7

\*

\* Total Messages: 0

\* Data: 1032 Code: 334 Dictionary: 1199

**EX02 (CADALU.DAT)**

11111CLEDIR DA S JUSTO M03032013

22222BATMAN M03032013

33333SPIDER MAN M03032013

44444DILMA ROUSEFF F02022013

**EX02 (CADATU.DAT)**

11111CLEDIR DA S JUSTO 03032013

22222BATMAN 03032013

33333SPIDER MAN 03032013

44444DILMA ROUSEFF 02022013

**EX03 (LST)**

\* Microsoft COBOL Version 4.5 L2.4 revision 002 03-Mar-13 15:50 Page 1

\* EX03.CBL

\* Options: LIST(EX03.LST) ASMLIST(EX03.GRP)

1 IDENTIFICATION DIVISION.

2 PROGRAM-ID. EX03.

3 AUTHOR. CLEDIR JUSTO.

4 INSTALLATION. FATEC-SP.

5 DATE-WRITTEN. 03/03/2013.

6 DATE-COMPILED.

7 SECURITY.

8

9 ENVIRONMENT DIVISION.

10 CONFIGURATION SECTION.

11 SOURCE-COMPUTER. IBM-PC.

12 OBJECT-COMPUTER. IBM-PC.

13 SPECIAL-NAMES. DECIMAL-POINT IS COMMA.

14

15 INPUT-OUTPUT SECTION.

16 FILE-CONTROL.

17 SELECT CADALU ASSIGN TO DISK

18 ORGANIZATION IS LINE SEQUENTIAL.

19 SELECT CADATU ASSIGN TO DISK

20 ORGANIZATION IS LINE SEQUENTIAL.

21

22 DATA DIVISION.

23 FILE SECTION.

24 FD CADALU

25 LABEL RECORD ARE STANDARD

26 VALUE OF FILE-ID IS "CADALU.DAT".

27

28 01 REG-ENT.

29 02 NUMERO PIC 9(05).

30 02 NOME PIC X(20).

31 02 NOTA1 PIC 9(02)V99.

32 02 NOTA2 PIC 9(02)V99.

33 02 NOTA3 PIC 9(02)V99.

34

35 FD CADATU

36 LABEL RECORD ARE STANDARD

37 VALUE OF FILE-ID IS "CADATU.DAT".

38

39 01 REG-SAI.

40 02 NUMERO-SAI PIC 9(05).

41 02 MEDIA-SAI PIC 9(02)V99.

42

43 WORKING-STORAGE SECTION.

44 77 FIM-ARQ PIC X(03) VALUE "NAO".

45 77 SOMA-NOTAS PIC 9(02)V9(02) VALUE ZEROS.

46 77 MEDIAFINAL PIC 99V99 VALUE ZEROS.

47

48 PROCEDURE DIVISION.

49

50 PGM-EX03.

51 PERFORM INICIO.

52 PERFORM PRINCIPAL

53 UNTIL FIM-ARQ EQUAL "SIM".

54

55 PERFORM TERMINO.

56

57 STOP RUN.

\* Microsoft COBOL Version 4.5 L2.4 revision 002 03-Mar-13 15:50 Page 2

\* EX03.CBL

58

59 INICIO.

60

61 OPEN INPUT CADALU

62 OUTPUT CADATU.

63 PERFORM LEITURA.

64

65 LEITURA.

66 READ CADALU

67 AT END

68 MOVE "SIM" TO FIM-ARQ.

69

70 PRINCIPAL.

71 PERFORM CALCMEDIA.

72 PERFORM GRAVACAO.

73 PERFORM LEITURA.

74

75 CALCMEDIA.

76 ADD NOTA1 NOTA2 NOTA3 GIVING SOMA-NOTAS.

77 DIVIDE SOMA-NOTAS BY 3 GIVING MEDIAFINAL.

78

79 GRAVACAO.

80 MOVE NUMERO TO NUMERO-SAI.

81 MOVE MEDIAFINAL TO MEDIA-SAI.

82 WRITE REG-SAI.

83

84 TERMINO.

85 CLOSE CADALU

86 CADATU.

\* Microsoft COBOL Version 4.5 L2.4 revision 002

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\* REF GNB-024050002A7

\*

\* Total Messages: 0

\* Data: 1032 Code: 352 Dictionary: 1243

**EX03 (CADALU.DAT)**

11111CLEDIR DA S JUSTO 100010001000

22222SPIDER MAN 090009000900

33333BATMAN 080008000800

**EX03 (CADATU.DAT)**

111111000

222220900

333330800

**EX04 (LST)**

\* Microsoft COBOL Version 4.5 L2.4 revision 002 03-Mar-13 16:06 Page 1

\* EX04.CBL

\* Options: LIST(EX04.LST) ASMLIST(EX04.GRP)

1 IDENTIFICATION DIVISION.

2 PROGRAM-ID. EX04.

3 AUTHOR. CLEDIR JUSTO.

4 INSTALLATION. FATEC-SP.

5 DATE-WRITTEN. 03/03/2013.

6 DATE-COMPILED.

7 SECURITY.

8

9 ENVIRONMENT DIVISION.

10 CONFIGURATION SECTION.

11 SOURCE-COMPUTER. IBM-PC.

12 OBJECT-COMPUTER. IBM-PC.

13 SPECIAL-NAMES. DECIMAL-POINT IS COMMA.

14

15 INPUT-OUTPUT SECTION.

16 FILE-CONTROL.

17 SELECT CADCLI1 ASSIGN TO DISK

18 ORGANIZATION IS LINE SEQUENTIAL.

19 SELECT CADCLI2 ASSIGN TO DISK

20 ORGANIZATION IS LINE SEQUENTIAL.

21

22 DATA DIVISION.

23 FILE SECTION.

24 FD CADCLI1

25 LABEL RECORD ARE STANDARD

26 VALUE OF FILE-ID IS "CADCLI1.DAT".

27

28 01 REG-ENT.

29 02 COD-ENT PIC 9(05).

30 02 NOME-ENT PIC X(20).

31 02 SEXO PIC X(01).

32

33 FD CADCLI2

34 LABEL RECORD ARE STANDARD

35 VALUE OF FILE-ID IS "CADCLI2.DAT".

36

37 01 REG-SAI.

38 02 COD-SAI PIC 9(05).

39 02 NOME-SAI PIC X(20).

40

41 WORKING-STORAGE SECTION.

42 77 FIM-ARQ PIC X(03) VALUE "NAO".

43

44 PROCEDURE DIVISION.

45

46 PGM-EXE04.

47 PERFORM INICIO.

48 PERFORM PRINCIPAL

49 UNTIL FIM-ARQ EQUAL "SIM".

50

51 PERFORM TERMINO.

52

53 STOP RUN.

54

55 INICIO.

56

57 OPEN INPUT CADCLI1

\* Microsoft COBOL Version 4.5 L2.4 revision 002 03-Mar-13 16:06 Page 2

\* EX04.CBL

58 OUTPUT CADCLI2.

59 PERFORM LEITURA.

60

61 LEITURA.

62 READ CADCLI1

63 AT END

64 MOVE "SIM" TO FIM-ARQ.

65

66 PRINCIPAL.

67 PERFORM SELECAO.

68 PERFORM LEITURA.

69

70 SELECAO.

71 IF SEXO EQUAL "M" OR "m"

72 PERFORM GRAVACAO.

73

74 GRAVACAO.

75 MOVE COD-ENT TO COD-SAI.

76 MOVE NOME-ENT TO NOME-SAI.

77 WRITE REG-SAI.

78

79 TERMINO.

80 CLOSE CADCLI1

81 CADCLI2.

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\* REF GNB-024050002A7

\*

\* Total Messages: 0

\* Data: 1016 Code: 330 Dictionary: 1064

**EX04 (CADCLI1.DAT)**

11111CLEDIR DA S JUSTO M

22222SABRINA SATO F

33333BATMAN M

**EX04 (CADCLI2.DAT)**

11111CLEDIR DA S JUSTO

33333BATMAN

**EX05 (LST)**

\* Microsoft COBOL Version 4.5 L2.4 revision 002 03-Mar-13 16:28 Page 1

\* EX05.CBL

\* Options: LIST(EX05.LST) ASMLIST(EX05.GRP)

1 IDENTIFICATION DIVISION.

2 PROGRAM-ID. EX05.

3 AUTHOR. CLEDIR JUSTO.

4 INSTALLATION. FATEC-SP.

5 DATE-WRITTEN. 03/03/2013.

6 DATE-COMPILED.

7 SECURITY.

8

9 ENVIRONMENT DIVISION.

10 CONFIGURATION SECTION.

11 SOURCE-COMPUTER. IBM-PC.

12 OBJECT-COMPUTER. IBM-PC.

13 SPECIAL-NAMES. DECIMAL-POINT IS COMMA.

14

15 INPUT-OUTPUT SECTION.

16 FILE-CONTROL.

17 SELECT CADALU ASSIGN TO DISK

18 ORGANIZATION IS LINE SEQUENTIAL.

19 SELECT CADAPR ASSIGN TO DISK

20 ORGANIZATION IS LINE SEQUENTIAL.

21

22 DATA DIVISION.

23 FILE SECTION.

24 FD CADALU

25 LABEL RECORD ARE STANDARD

26 VALUE OF FILE-ID IS "CADALU.DAT".

27

28 01 REG-ENT.

29 02 NUMERO-ENT PIC 9(05).

30 02 NOME-ENT PIC X(20).

31 02 NOTA1 PIC 9(02)V99.

32 02 NOTA2 PIC 9(02)V99.

33 02 FALTAS PIC 9(02).

34

35 FD CADAPR

36 LABEL RECORD ARE STANDARD

37 VALUE OF FILE-ID IS "CADAPR.DAT".

38

39 01 REG-SAI.

40 02 NUMERO-SAI PIC 9(05).

41 02 NOME-SAI PIC X(20).

42 02 MEDIA PIC 9(02)V99.

43

44 WORKING-STORAGE SECTION.

45 77 FIM-ARQ PIC X(03) VALUE "NAO".

46 77 MEDIAFINAL PIC 9(02)V99 VALUE ZEROS.

47

48 PROCEDURE DIVISION.

49

50 PGM-EXE05.

51 PERFORM INICIO.

52 PERFORM PRINCIPAL

53 UNTIL FIM-ARQ EQUAL "SIM".

54

55 PERFORM TERMINO.

56

57 STOP RUN.

\* Microsoft COBOL Version 4.5 L2.4 revision 002 03-Mar-13 16:28 Page 2

\* EX05.CBL

58

59 INICIO.

60

61 OPEN INPUT CADALU

62 OUTPUT CADAPR.

63 PERFORM LEITURA.

64

65 LEITURA.

66 READ CADALU

67 AT END

68 MOVE "SIM" TO FIM-ARQ.

69

70 PRINCIPAL.

71 PERFORM SELECAO.

72 PERFORM LEITURA.

73

74 SELECAO.

75 COMPUTE MEDIAFINAL = (NOTA1 + NOTA2)/2.

76 IF MEDIAFINAL NOT < 7 AND FALTAS NOT > 18

77 PERFORM GRAVACAO.

78

79 GRAVACAO.

80 MOVE NUMERO-ENT TO NUMERO-SAI.

81 MOVE NOME-ENT TO NOME-SAI.

82 MOVE MEDIAFINAL TO MEDIA.

83 WRITE REG-SAI.

84

85 TERMINO.

86 CLOSE CADALU

87 CADAPR.

\* Microsoft COBOL Version 4.5 L2.4 revision 002

\* (C)Copyright Microsoft Corp 1984, 1991 URN AXUPA/MS0/000000

\* REF GNB-024050002A7

\*

\* Total Messages: 0

\* Data: 1040 Code: 362 Dictionary: 1216**EX05 (CADALU.DAT)**

11111APROVADO1 1000100000

22222APROVADO2 0900090000

33333APROVADO3 0700070018

44444REPROVADO POR FALTA 1000100019

55555REPROVADO POR NOTA 0650065000

**EX05 (CADAPR.DAT)**

11111APROVADO1 1000

22222APROVADO2 0900

33333APROVADO3 0700

**EX06 (LST)**

\* Microsoft COBOL Version 4.5 L2.4 revision 002 03-Mar-13 16:52 Page 1

\* EX06.CBL

\* Options: LIST(EX06.LST) ASMLIST(EX06.GRP)

1 IDENTIFICATION DIVISION.

2 PROGRAM-ID. EX06.

3 AUTHOR. CLEDIR JUSTO.

4 INSTALLATION. FATEC-SP.

5 DATE-WRITTEN. 03/03/2013.

6 DATE-COMPILED.

7 SECURITY.

8

9

10 ENVIRONMENT DIVISION.

11 CONFIGURATION SECTION.

12 SOURCE-COMPUTER. IBM-PC.

13 OBJECT-COMPUTER. IBM-PC.

14 SPECIAL-NAMES. DECIMAL-POINT IS COMMA.

15

16 INPUT-OUTPUT SECTION.

17 FILE-CONTROL.

18 SELECT CADENT ASSIGN TO DISK

19 ORGANIZATION IS LINE SEQUENTIAL.

20 SELECT CADSAI ASSIGN TO DISK

21 ORGANIZATION IS LINE SEQUENTIAL.

22

23 DATA DIVISION.

24 FILE SECTION.

25 FD CADENT

26 LABEL RECORD ARE STANDARD

27 VALUE OF FILE-ID IS "CADENT.DAT".

28

29 01 REG-ENT.

30 02 MATRICULA-ENT PIC 9(05).

31 02 NOME-ENT PIC X(30).

32 02 SALARIOB-ENT PIC 9(05)V99.

33

34 FD CADSAI

35 LABEL RECORD ARE STANDARD

36 VALUE OF FILE-ID IS "CADSAI.DAT".

37

38 01 REG-SAI.

39 02 MATRICULA-SAI PIC 9(05).

40 02 NOME-SAI PIC X(30).

41 02 SALARIOB-SAI PIC 9(5)V99.

42

43 WORKING-STORAGE SECTION.

44 77 FIM-ARQ PIC X(03) VALUE "NAO".

45

46 PROCEDURE DIVISION.

47

48 PGM-EXEMPLO06.

49 PERFORM INICIO.

50 PERFORM PRINCIPAL

51 UNTIL FIM-ARQ EQUAL "SIM".

52

53 PERFORM TERMINO.

54

55 STOP RUN.

56

57 INICIO.\* Microsoft COBOL Version 4.5 L2.4 revision 002 03-Mar-13 16:52 Page 2

\* EX06.CBL

58

59 OPEN INPUT CADENT

60 OUTPUT CADSAI.

61 PERFORM LEITURA.

62

63 LEITURA.

64 READ CADENT

65 AT END

66 MOVE "SIM" TO FIM-ARQ.

67

68 PRINCIPAL.

69 PERFORM VERIFICACAO.

70 PERFORM LEITURA.

71

72 VERIFICACAO.

73 IF SALARIOB-ENT > 3000

74 PERFORM GRAVACAO.

75

76 GRAVACAO.

77 MOVE MATRICULA-ENT TO MATRICULA-SAI.

78 MOVE NOME-ENT TO NOME-SAI.

79 MOVE SALARIOB-ENT TO SALARIOB-SAI.

80 WRITE REG-SAI.

81

82 TERMINO.

83 CLOSE CADENT

84 CADSAI.

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\* REF GNB-024050002A7

\*

\* Total Messages: 0

\* Data: 1048 Code: 338 Dictionary: 1127

**EX06 (CADENT.DAT)**

11111CLEDIR DA S JUSTO 0400099

22222EIKE BATISTA 9999999

33333SEU MADRUGA 0100000

44444MENDIGO 0001000

**EX06 (CADSAI.DAT)**

11111CLEDIR DA S JUSTO 0400099

22222EIKE BATISTA 9999999

**EX07 (LST)**

\* Microsoft COBOL Version 4.5 L2.4 revision 002 03-Mar-13 17:15 Page 1

\* EX07.CBL

\* Options: LIST(EX07.LST) ASMLIST(EX07.GRP)

1 IDENTIFICATION DIVISION.

2 PROGRAM-ID. EX07.

3 AUTHOR. CLEDIR JUSTO.

4 INSTALLATION. FATEC-SP.

5 DATE-WRITTEN. 03/03/2013.

6 DATE-COMPILED.

7 SECURITY.

8

9 ENVIRONMENT DIVISION.

10 CONFIGURATION SECTION.

11 SOURCE-COMPUTER. IBM-PC.

12 OBJECT-COMPUTER. IBM-PC.

13 SPECIAL-NAMES. DECIMAL-POINT IS COMMA.

14

15 INPUT-OUTPUT SECTION.

16 FILE-CONTROL.

17 SELECT CADALU ASSIGN TO DISK

18 ORGANIZATION IS LINE SEQUENTIAL.

19 SELECT CADATU ASSIGN TO DISK

20 ORGANIZATION IS LINE SEQUENTIAL.

21

22 DATA DIVISION.

23 FILE SECTION.

24 FD CADALU

25 LABEL RECORD ARE STANDARD

26 VALUE OF FILE-ID IS "CADALU.DAT".

27

28 01 REG-ENT.

29 02 NUMERO-ENT PIC 9(05).

30 02 NOME-ENT PIC X(20).

31 02 NOTA1 PIC 9(02)V99.

32 02 NOTA2 PIC 9(02)V99.

33 02 NOTA3 PIC 9(02)V99.

34 02 NOTA4 PIC 9(02)V99.

35 02 SEXO PIC X(01).

36

37 FD CADATU

38 LABEL RECORD ARE STANDARD

39 VALUE OF FILE-ID IS "CADATU.DAT".

40

41 01 REG-SAI.

42 02 NUMERO-SAI PIC 9(05).

43 02 NOME-SAI PIC X(20).

44 02 MEDIA PIC 9(02)V99.

45 02 SEXO-SAI PIC X(01).

46

47 WORKING-STORAGE SECTION.

48 77 FIM-ARQ PIC X(03) VALUE "NAO".

49 77 MEDIAFINAL PIC 9(02)V99 VALUE ZEROS.

50

51 PROCEDURE DIVISION.

52

53 PGM-EXE07.

54 PERFORM INICIO.

55 PERFORM PRINCIPAL

56 UNTIL FIM-ARQ EQUAL "SIM".

57

\* Microsoft COBOL Version 4.5 L2.4 revision 002 03-Mar-13 17:15 Page 2

\* EX07.CBL

58 PERFORM TERMINO.

59

60 STOP RUN.

61

62 INICIO.

63

64 OPEN INPUT CADALU

65 OUTPUT CADATU.

66 PERFORM LEITURA.

67

68 LEITURA.

69 READ CADALU

70 AT END

71 MOVE "SIM" TO FIM-ARQ.

72

73 PRINCIPAL.

74 PERFORM SELECAO.

75 PERFORM LEITURA.

76

77 SELECAO.

78

79 IF SEXO = "F" OR "f"

80 PERFORM GRAVACAO.

81

82 GRAVACAO.

83 COMPUTE MEDIAFINAL = (NOTA1 + NOTA2 + NOTA3 + NOTA4)/4.

84 MOVE NUMERO-ENT TO NUMERO-SAI.

85 MOVE NOME-ENT TO NOME-SAI.

86 MOVE MEDIAFINAL TO MEDIA.

87 MOVE SEXO TO SEXO-SAI.

88 WRITE REG-SAI.

89

90 TERMINO.

91 CLOSE CADALU

92 CADATU.

\* Microsoft COBOL Version 4.5 L2.4 revision 002

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\* REF GNB-024050002A7

\*

\* Total Messages: 0

\* Data: 1048 Code: 374 Dictionary: 1297

**EX07 (CADALU.DAT)**

11111CLEDIR DA S JUSTO 1000100010001000M

22222MENINA DESCONHECIDA 1000100010001000F

33333OUTRA MENINA 0900090009000900F

**EX07 (CADATU.DAT)**

22222MENINA DESCONHECIDA 1000F

33333OUTRA MENINA 0900F

**EX08 (LST)**

\* Microsoft COBOL Version 4.5 L2.4 revision 002 03-Mar-13 17:40 Page 1

\* EX08.CBL

\* Options: LIST(EX08.LST) ASMLIST(EX08.GRP)

1 IDENTIFICATION DIVISION.

2 PROGRAM-ID. EX08.

3 AUTHOR. CLEDIR JUSTO.

4 INSTALLATION. FATEC-SP.

5 DATE-WRITTEN. 03/03/2013.

6 DATE-COMPILED.

7 SECURITY.

8

9 ENVIRONMENT DIVISION.

10 CONFIGURATION SECTION.

11 SOURCE-COMPUTER. IBM-PC.

12 OBJECT-COMPUTER. IBM-PC.

13 SPECIAL-NAMES. DECIMAL-POINT IS COMMA.

14

15 INPUT-OUTPUT SECTION.

16 FILE-CONTROL.

17 SELECT CADFUN ASSIGN TO DISK

18 ORGANIZATION IS LINE SEQUENTIAL.

19 SELECT CADFSAI ASSIGN TO DISK

20 ORGANIZATION IS LINE SEQUENTIAL.

21

22 DATA DIVISION.

23 FILE SECTION.

24 FD CADFUN

25 LABEL RECORD ARE STANDARD

26 VALUE OF FILE-ID IS "CADFUN.DAT".

27

28 01 REG-ENT.

29 02 CODIGO-ENT PIC 9(05).

30 02 NOME-ENT PIC X(20).

31 02 SALARIOB PIC 9(05)V99.

32

33 FD CADFSAI

34 LABEL RECORD ARE STANDARD

35 VALUE OF FILE-ID IS "CADFSAI.DAT".

36

37 01 REG-SAI.

38 02 CODIGO-SAI PIC 9(05).

39 02 NOME-SAI PIC X(20).

40 02 SALARIOREAG PIC 9(05)V99.

41

42

43 WORKING-STORAGE SECTION.

44 77 FIM-ARQ PIC X(03) VALUE "NAO".

45 77 REAJ PIC 9(05)V99 VALUE ZEROS.

46

47 PROCEDURE DIVISION.

48

49 PGM-EX08.

50 PERFORM INICIO.

51 PERFORM PRINCIPAL

52 UNTIL FIM-ARQ EQUAL "SIM".

53

54 PERFORM TERMINO.

55

56 STOP RUN.

57

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\* EX08.CBL

58 INICIO.

59

60 OPEN INPUT CADFUN

61 OUTPUT CADFSAI.

62 PERFORM LEITURA.

63

64 LEITURA.

65 READ CADFUN

66 AT END

67 MOVE "SIM" TO FIM-ARQ.

68

69 PRINCIPAL.

70 PERFORM GRAVACAO.

71 PERFORM LEITURA.

72

73 GRAVACAO.

74 IF SALARIOB NOT > 1000

75 COMPUTE REAJ = SALARIOB + (SALARIOB \* 12/100).

76 IF SALARIOB > 1000 AND NOT > 2000

77 COMPUTE REAJ = SALARIOB + (SALARIOB \* 11/100).

78 IF SALARIOB > 2000

79 COMPUTE REAJ = SALARIOB + (SALARIOB \* 10/100).

80 MOVE CODIGO-ENT TO CODIGO-SAI.

81 MOVE NOME-ENT TO NOME-SAI.

82 MOVE REAJ TO SALARIOREAG.

83 WRITE REG-SAI.

84

85 TERMINO.

86 CLOSE CADFUN

87 CADFSAI.

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\* REF GNB-024050002A7

\*

\* Total Messages: 0

\* Data: 1044 Code: 460 Dictionary: 1136

**EX08 (CADFSAI.DAT)**

11111MENOS QUE 1000 0112000

22222ENTRE 1000 e 2000 0166500

33333ACIMA DE 2000 0220001

**EX08 (CADFUN.DAT)**

11111MENOS QUE 1000 0100000

22222ENTRE 1000 e 2000 0150000

33333ACIMA DE 2000 0200001\* Microsoft COBOL Version 4.5 L2.4 revision 002 23-Feb-13 11:20 Page 2

\* EX01.CBL

58 PERFORM LEITURA.

59

60 LEITURA.

61 READ CAD-CLI1

62 AT END

63 MOVE "SIM" TO FIM-ARQ.

64

65 PRINCIPAL.

66 PERFORM GRAVACAO.

67 PERFORM LEITURA.

68

69 GRAVACAO.

70 MOVE COD-ENT TO COD-SAI.

71 MOVE NOME-ENT TO NOME-SAI.

72 WRITE REG-SAI.

73

74 TERMINO.

75 CLOSE CAD-CLI1

76 CAD-CLI2.

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\*

\* Total Messages: 0

\* Data: 1016 Code: 313 Dictionary: 1019